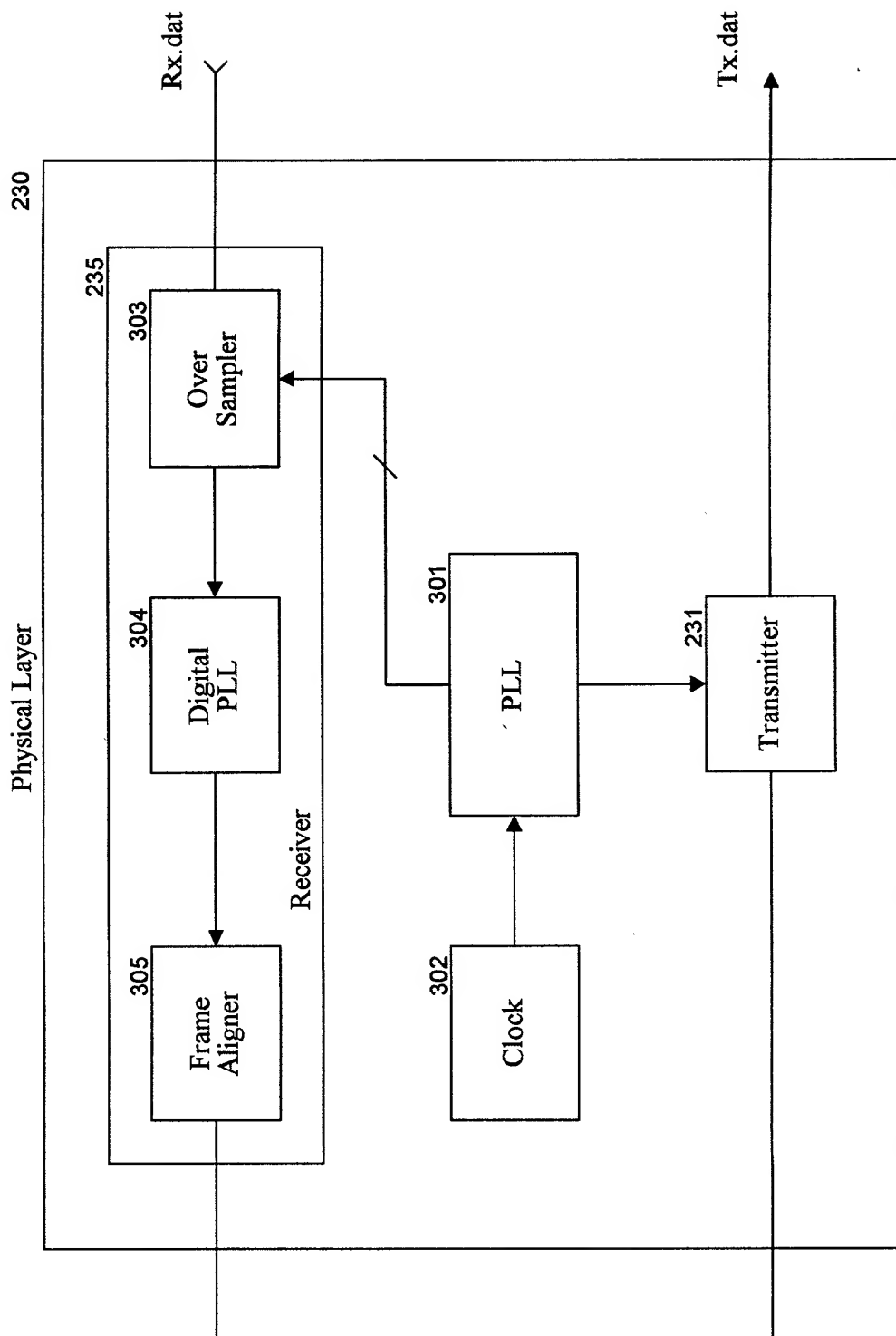
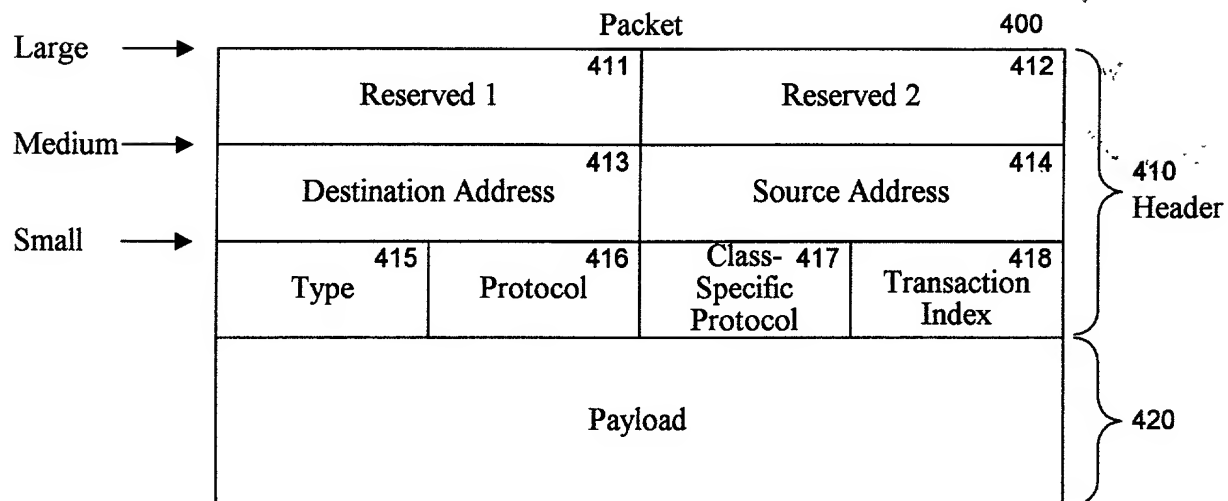


Fig. 2



**Fig. 3**



**Fig. 4**

20250907 10:54:00

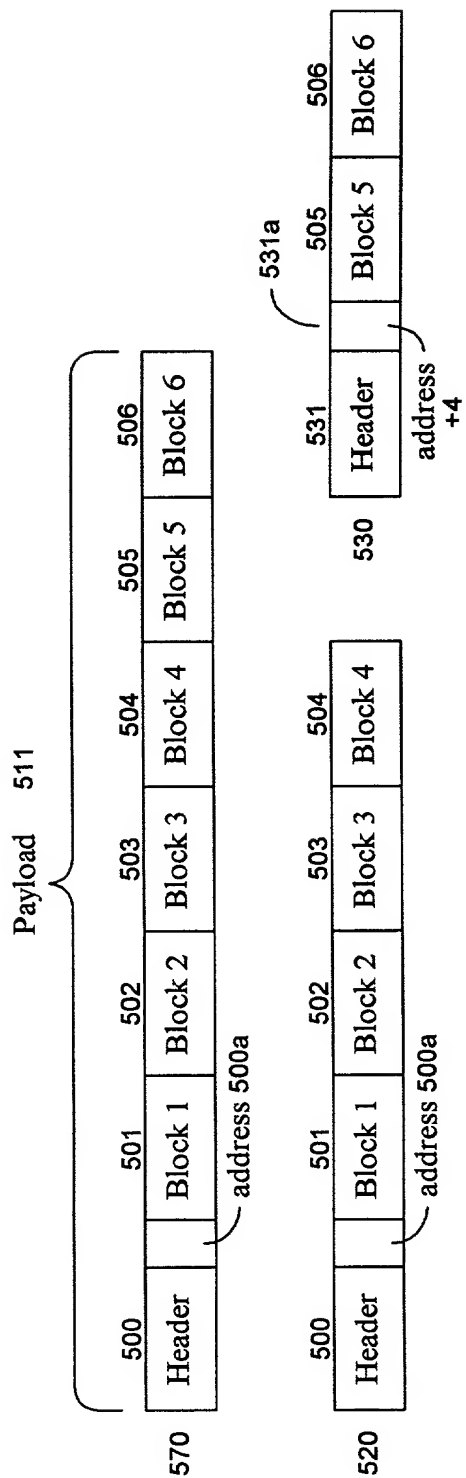


Fig. 5

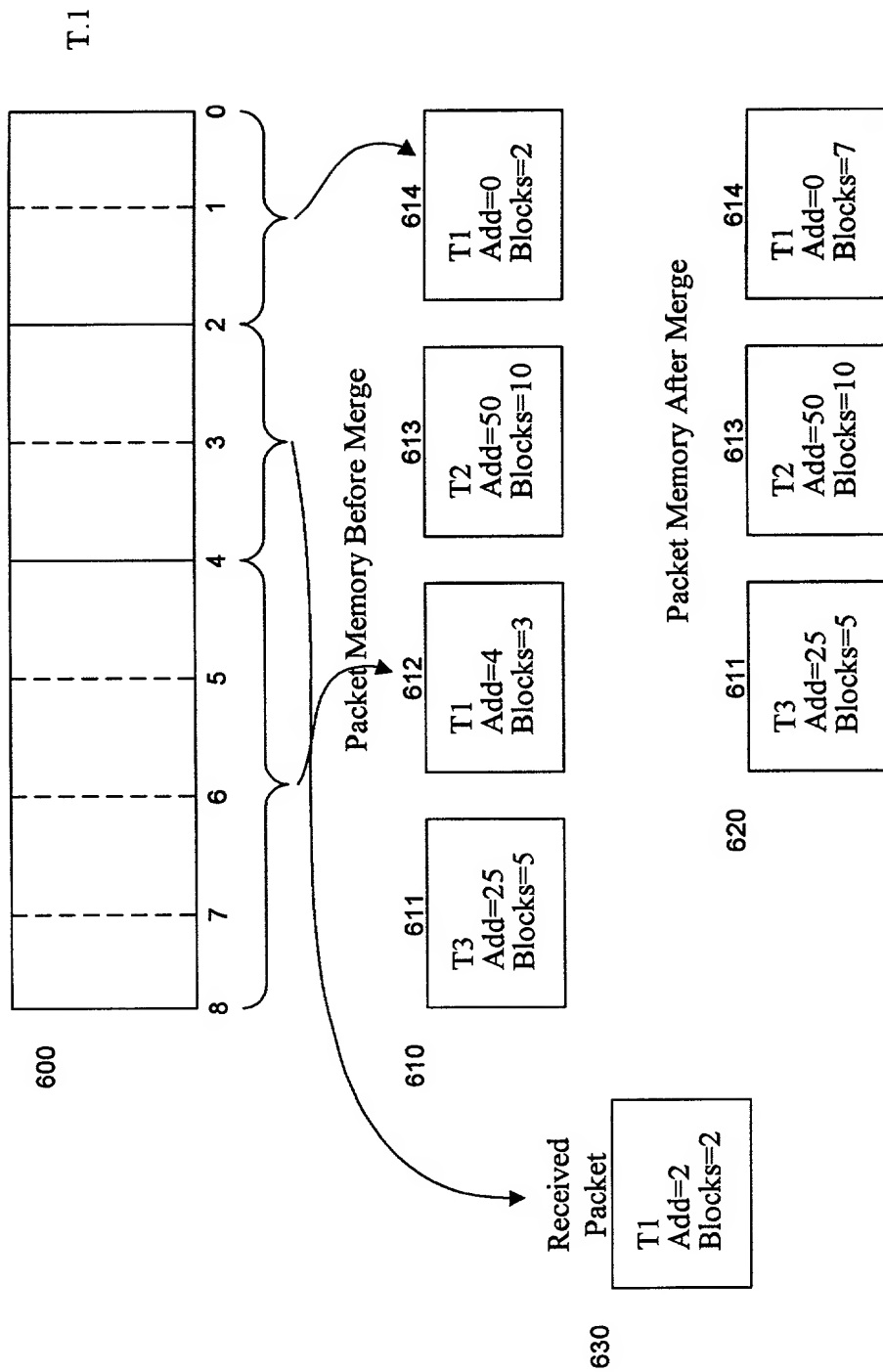
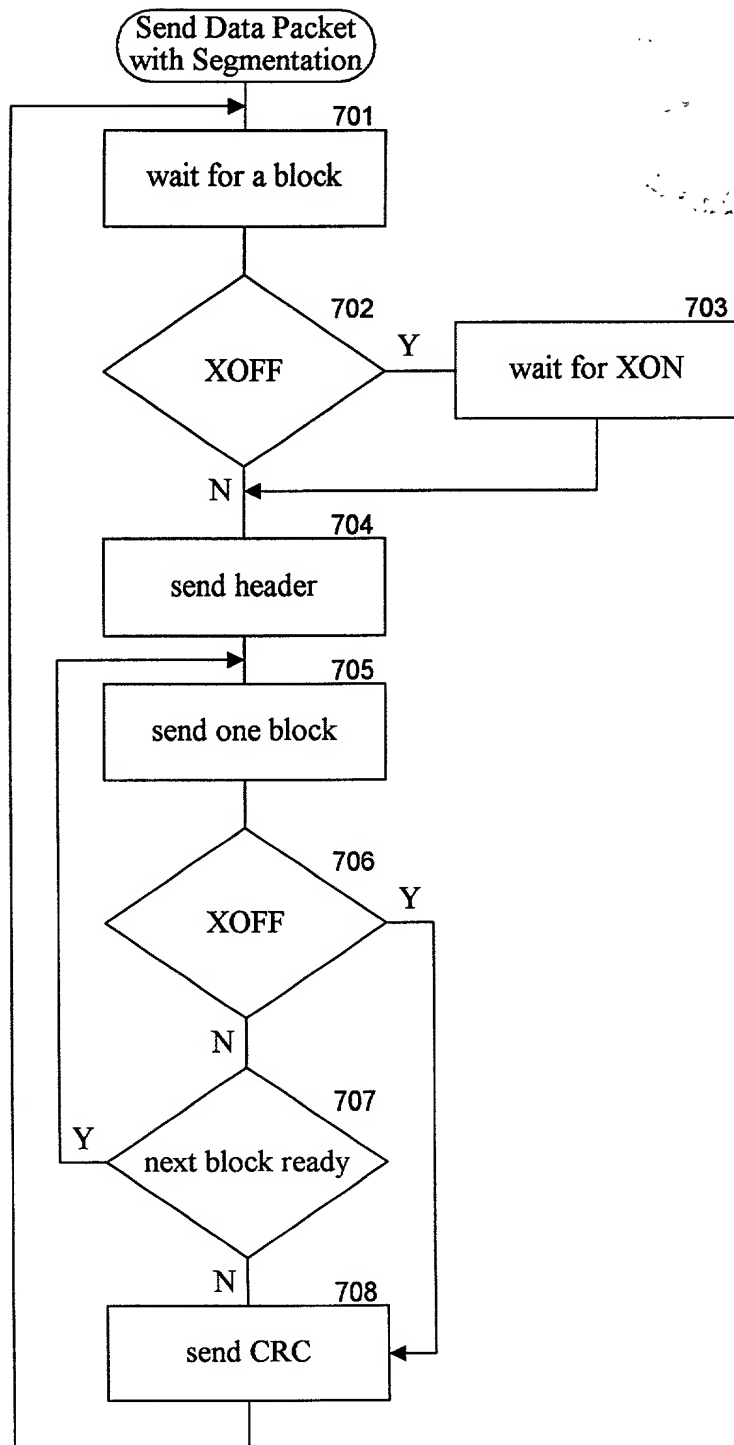
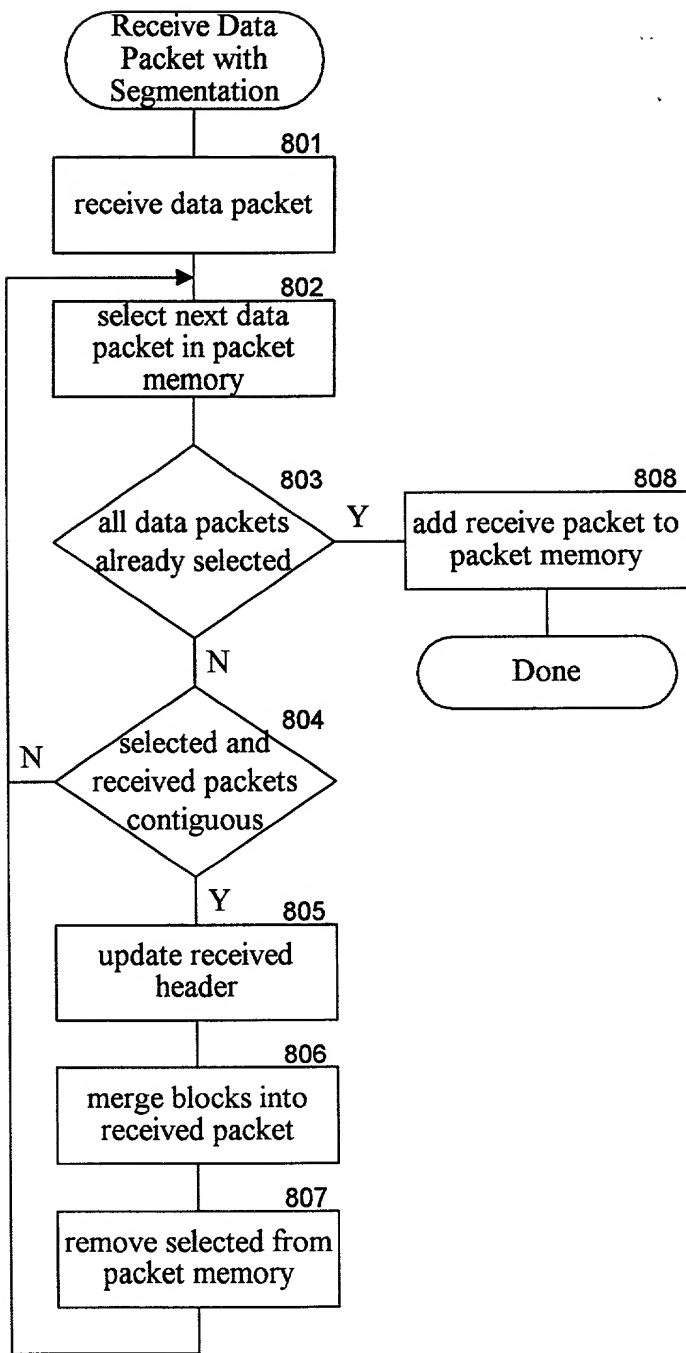


Fig. 6

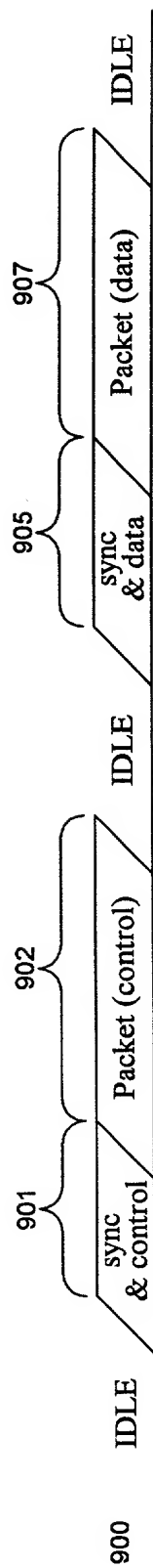


**Fig. 7**



**Fig. 8**





sync & packet type

**Fig. 9A**

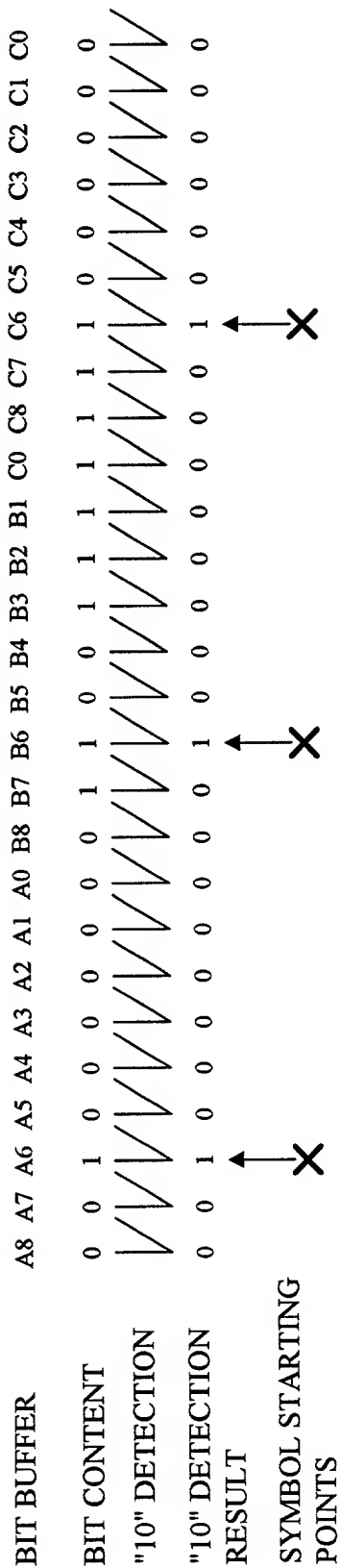


Fig. 9B

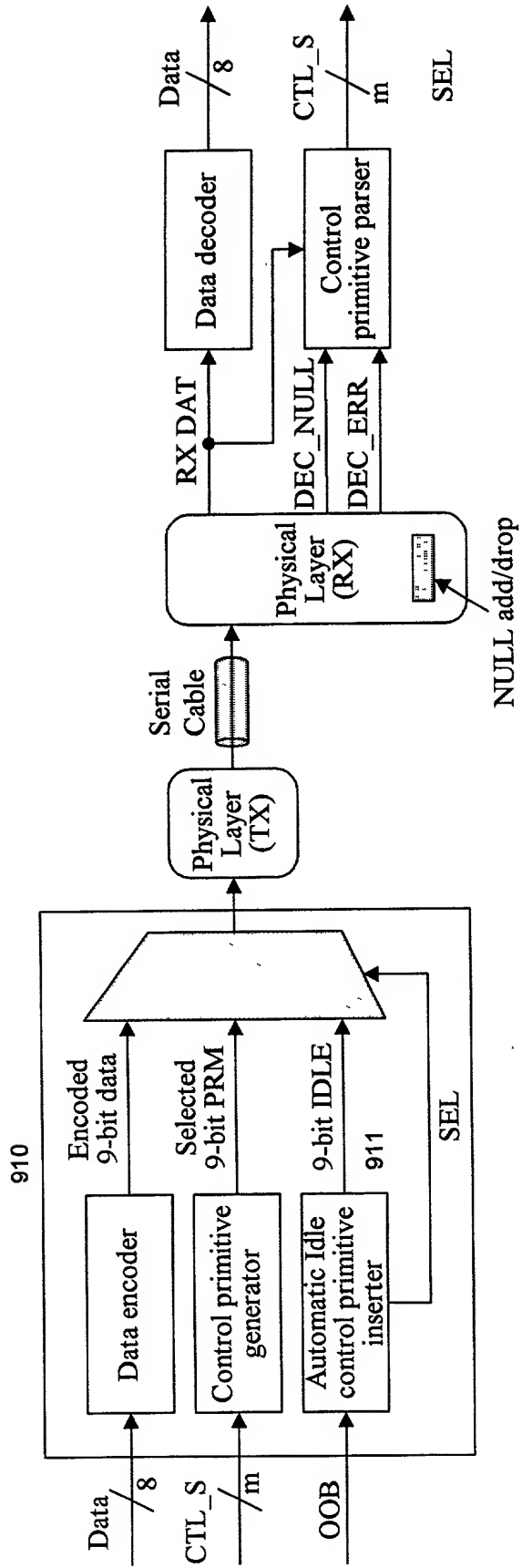


Fig. 9C

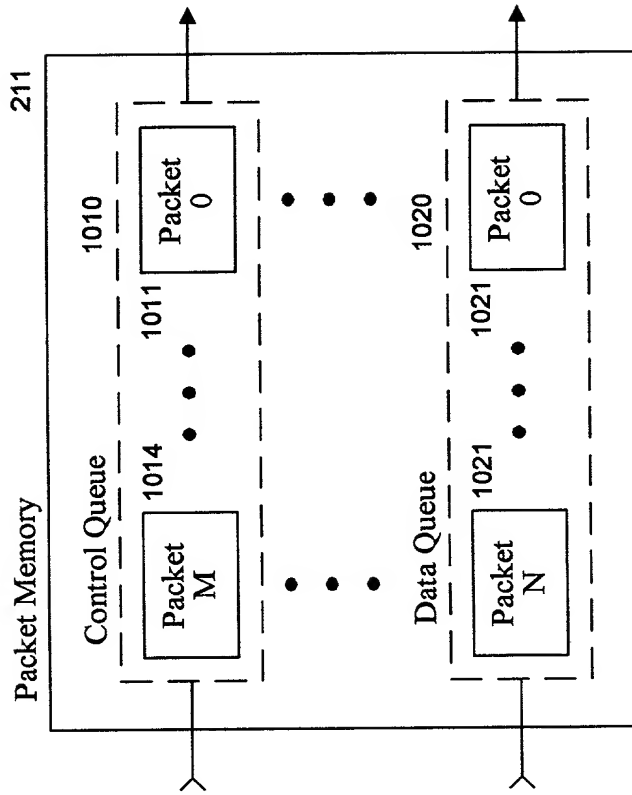
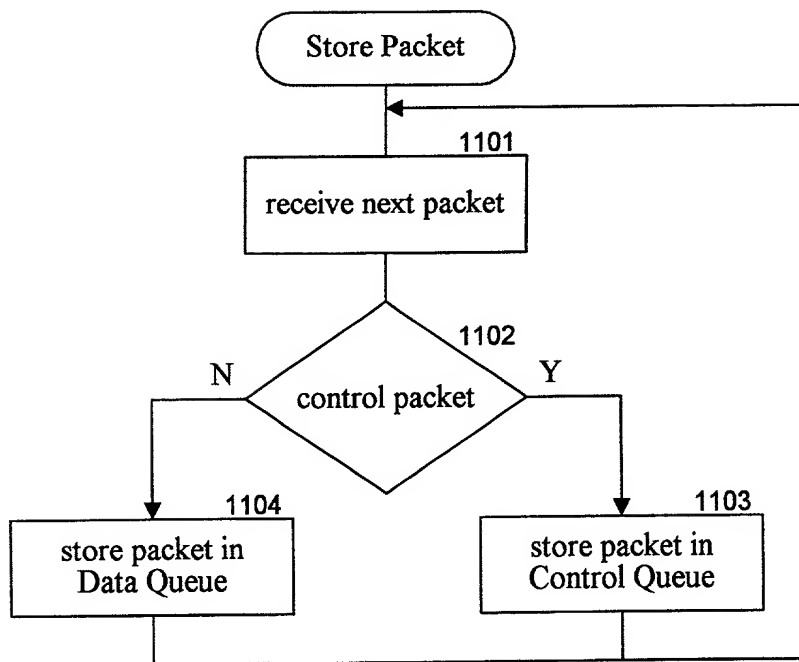
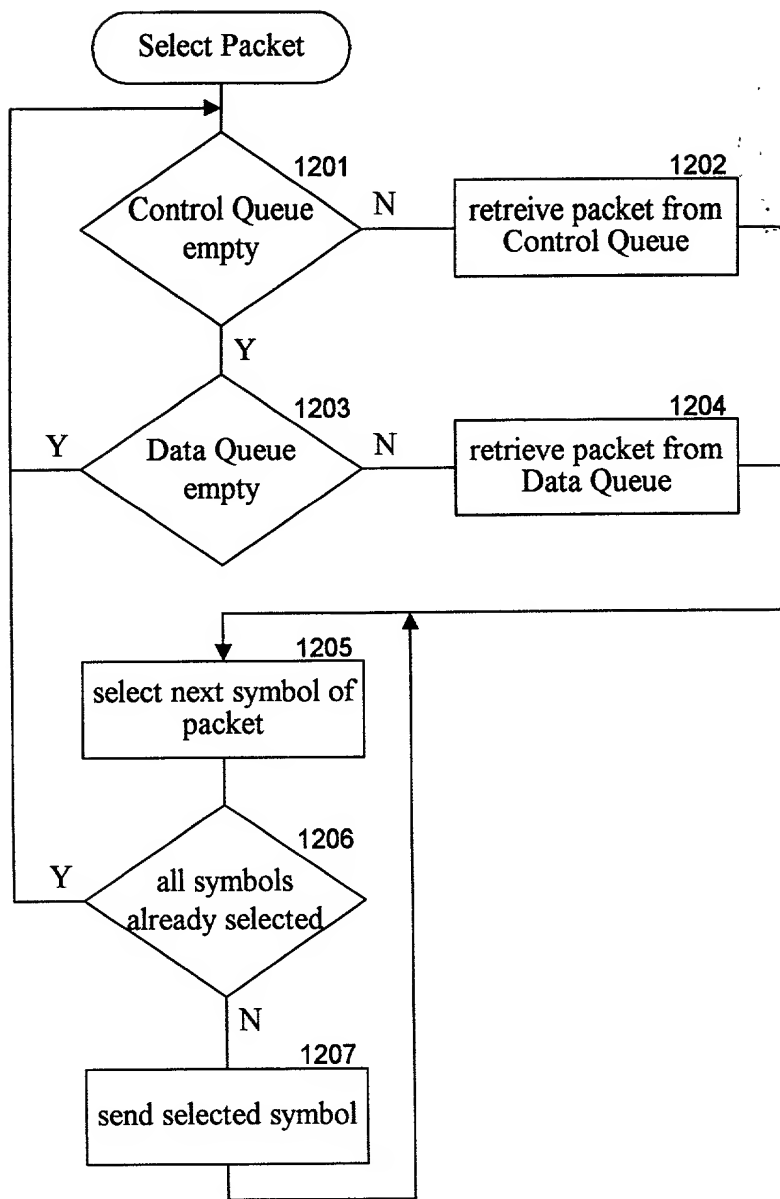


Fig. 10

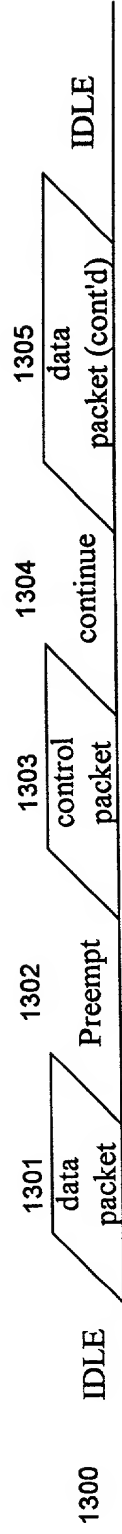


**Fig. 11**

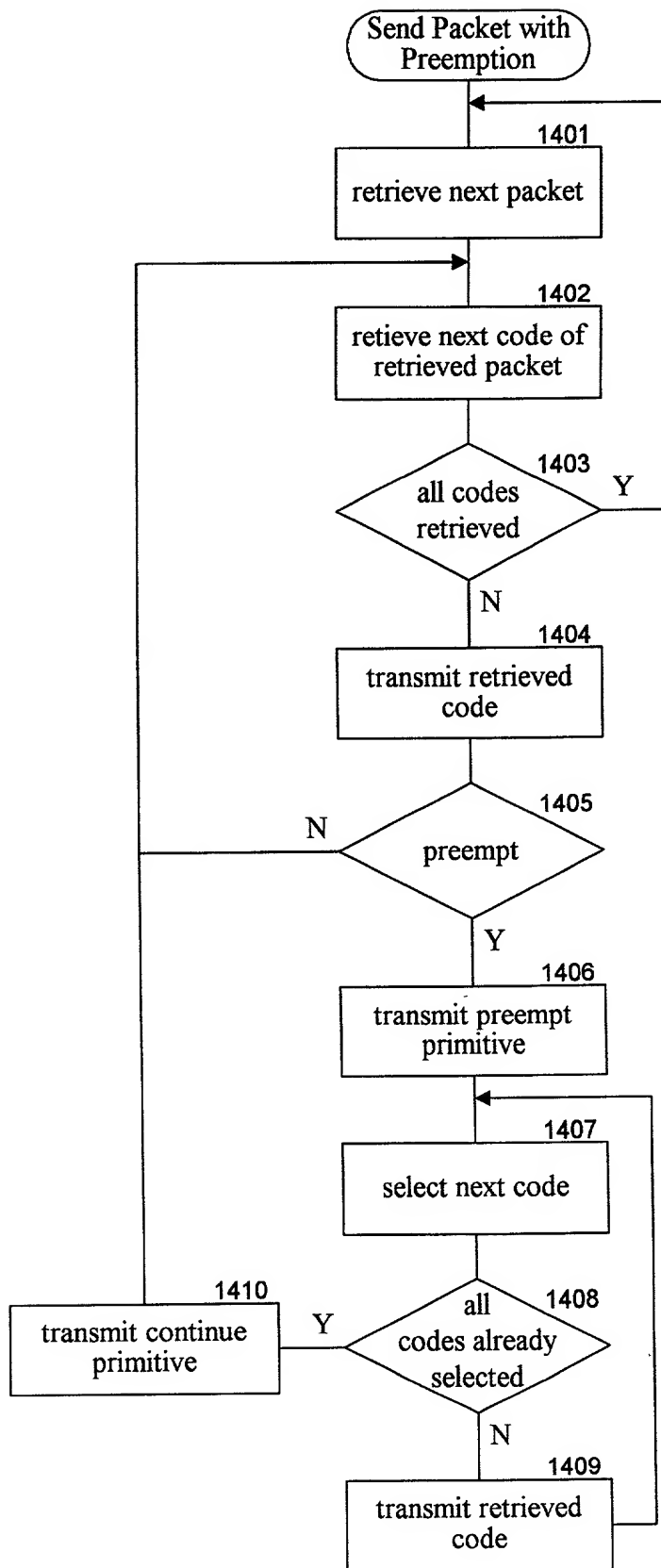


**Fig. 12**

20250901-060602

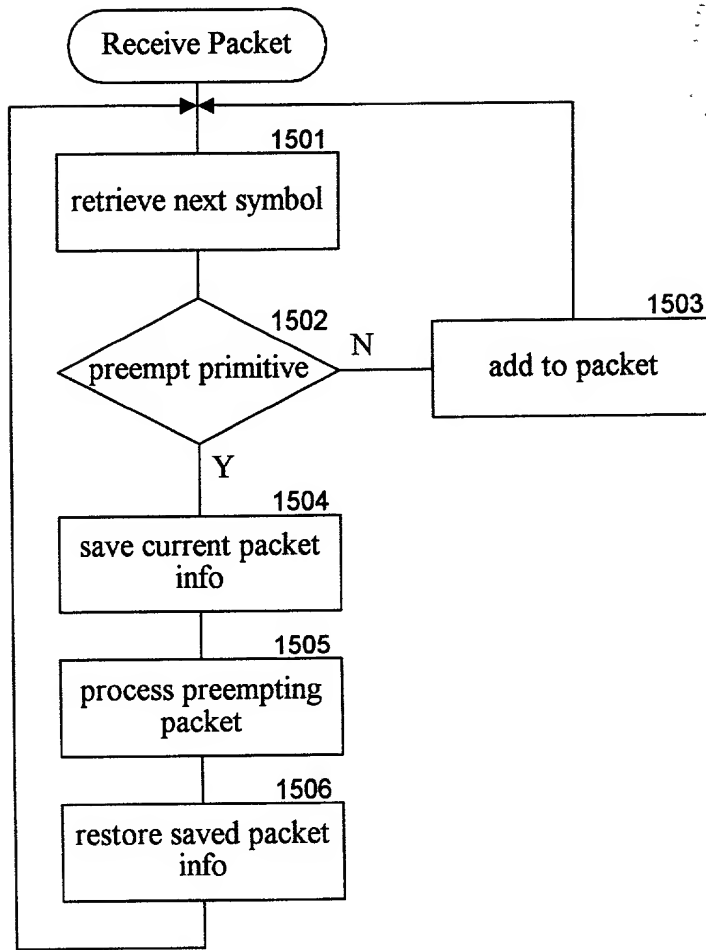


*Fig. 13*



**Fig. 14**





**Fig. 15**

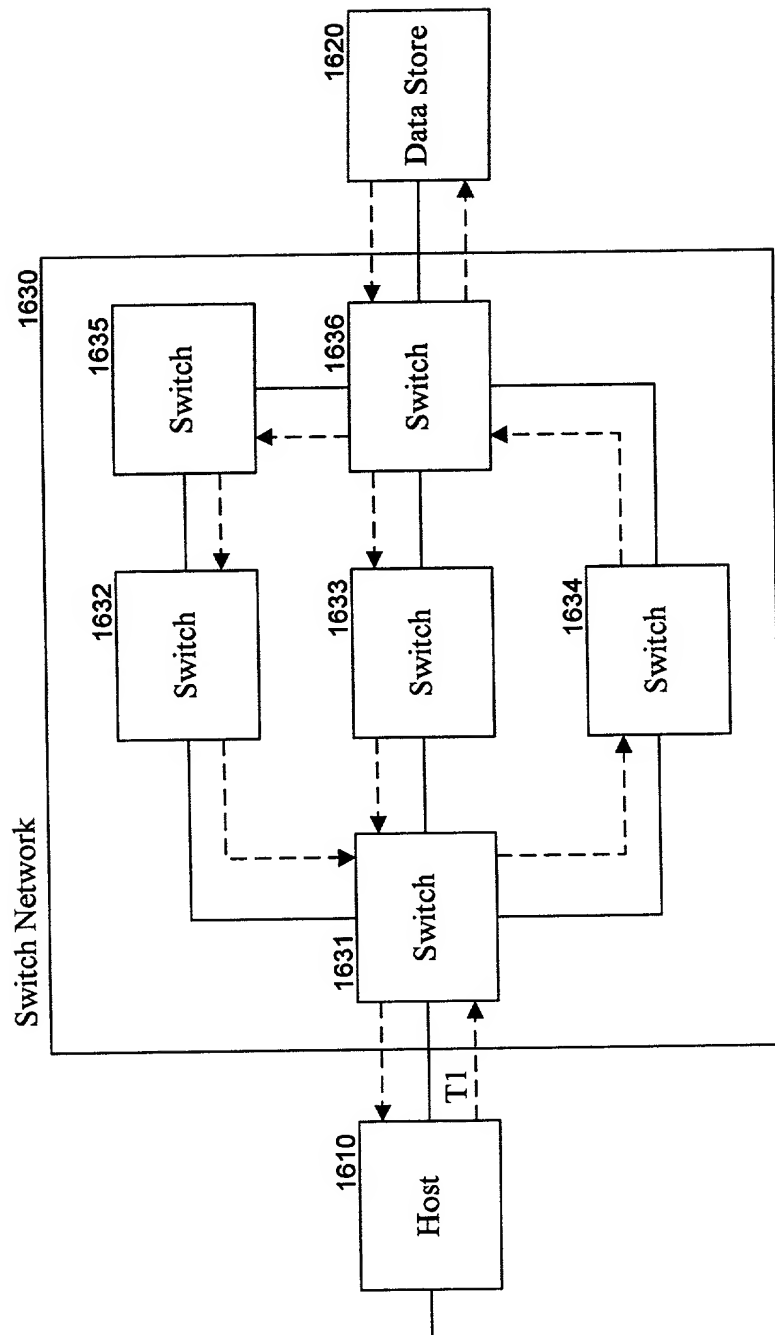
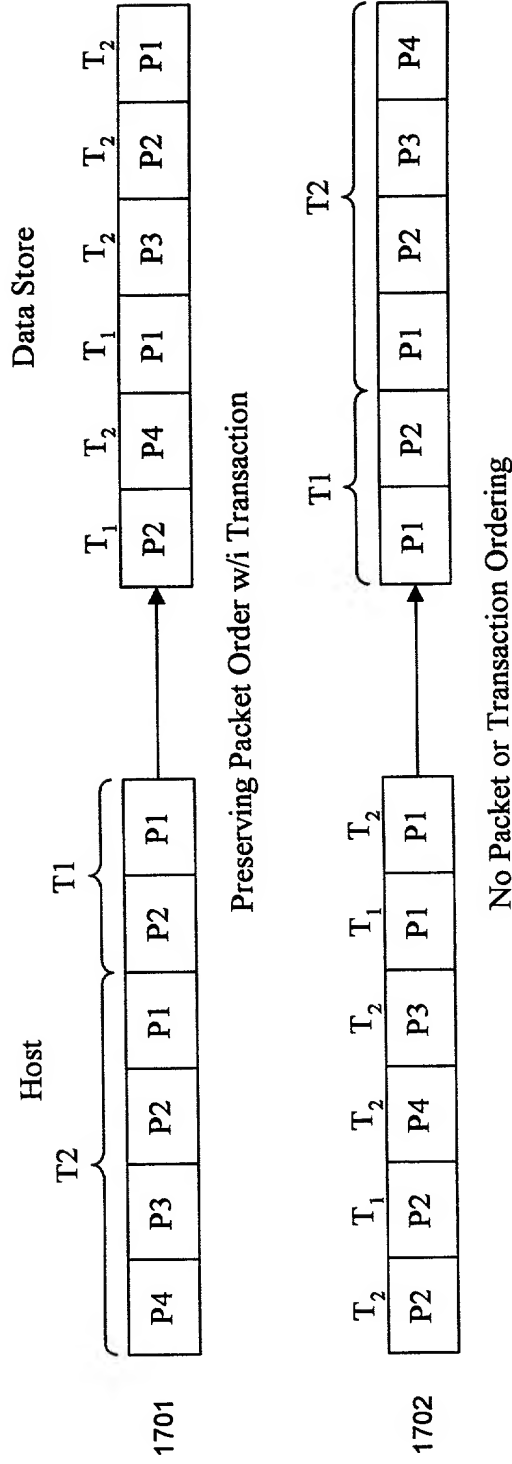
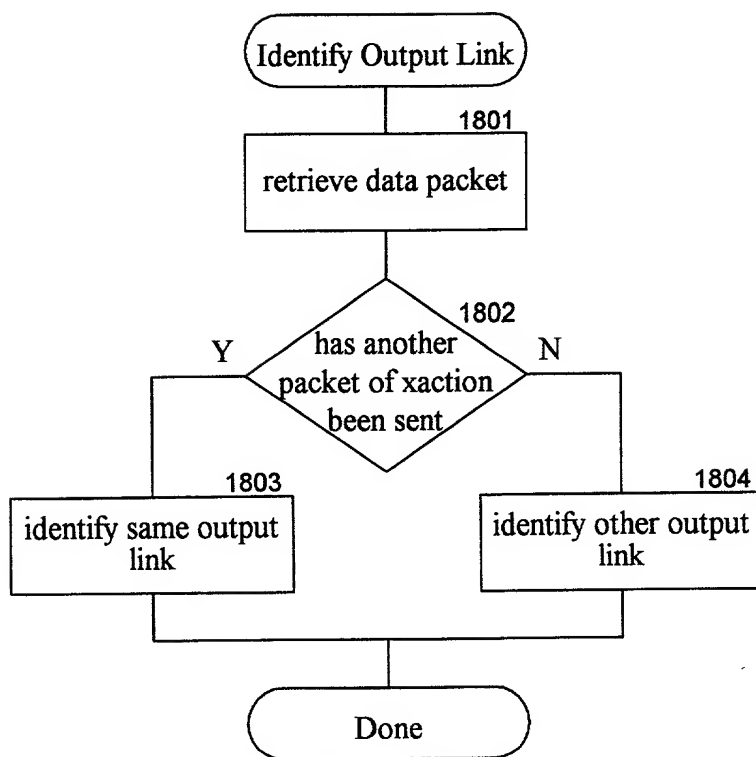


Fig. 16



**Fig. 17**



***Fig. 18***

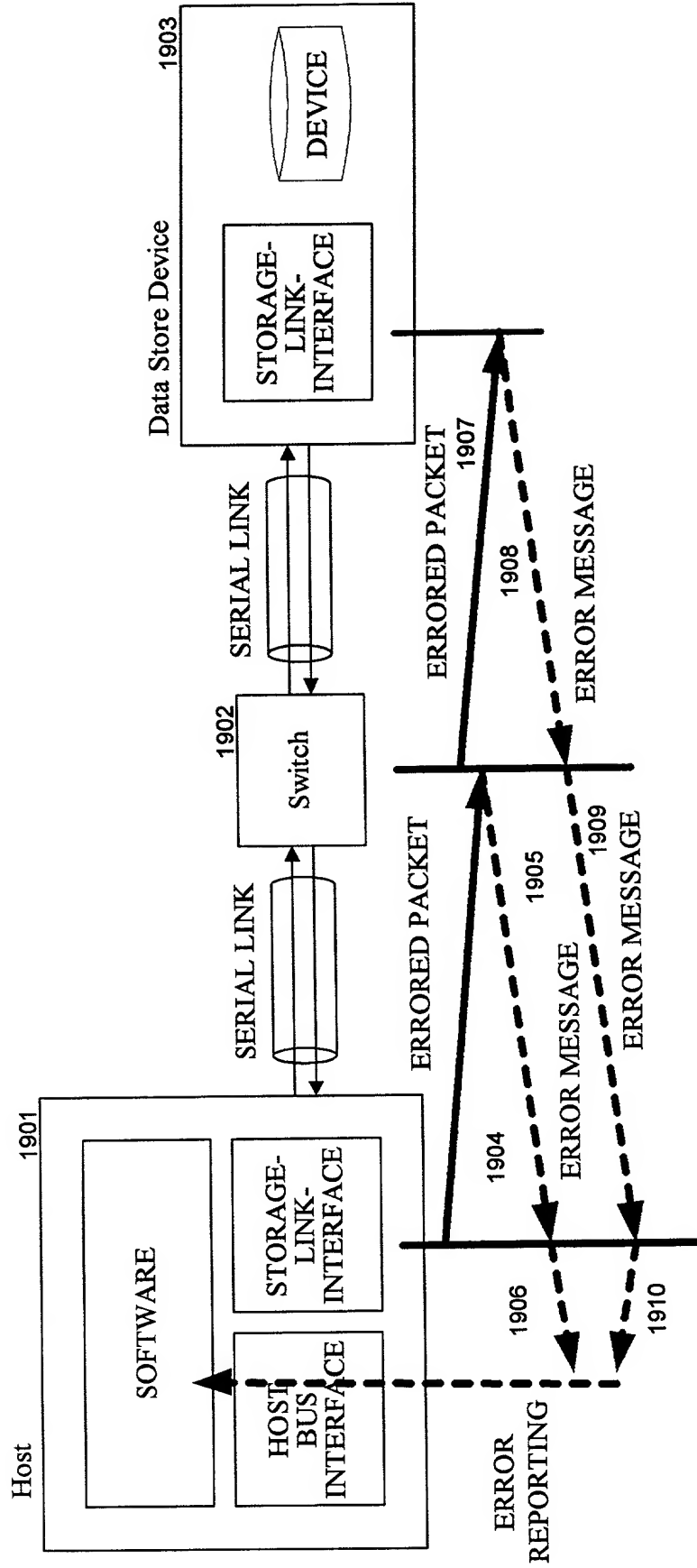


Fig. 19A

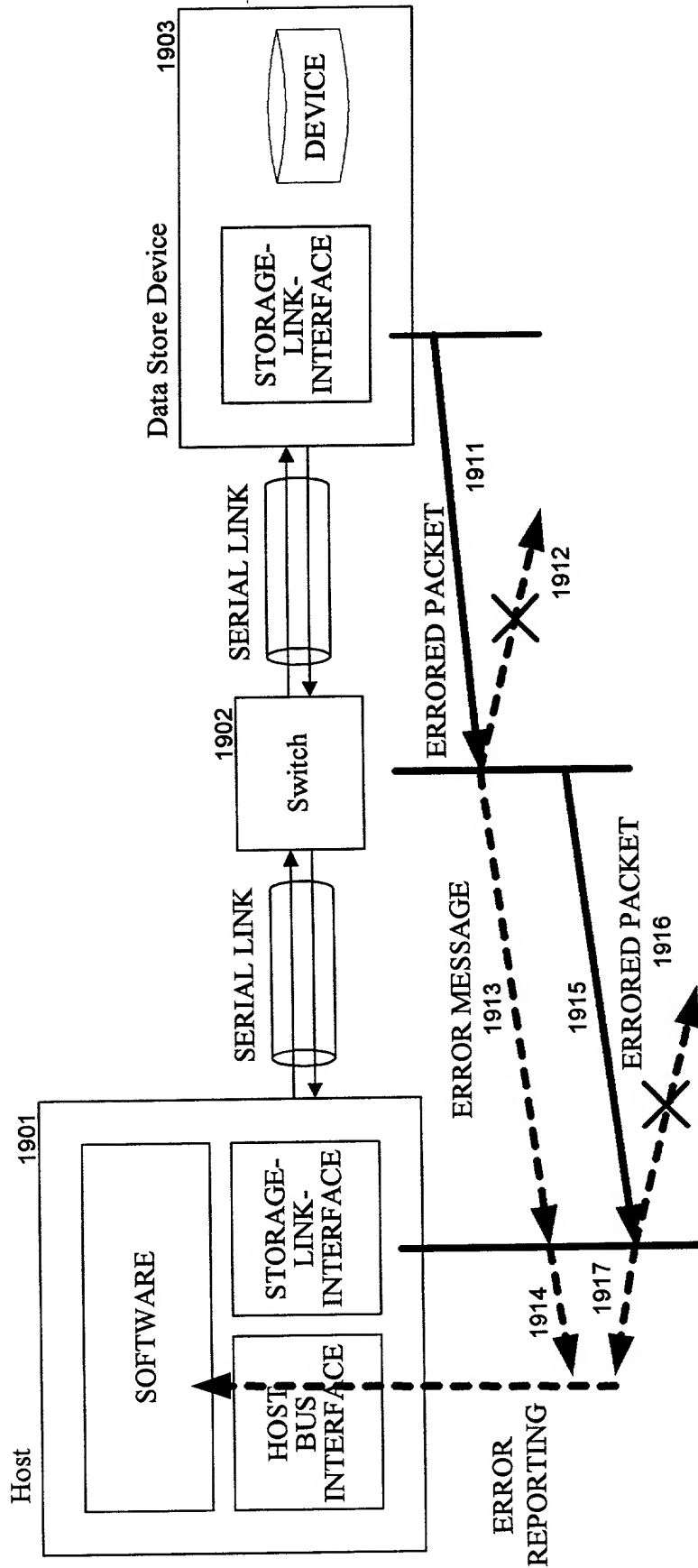
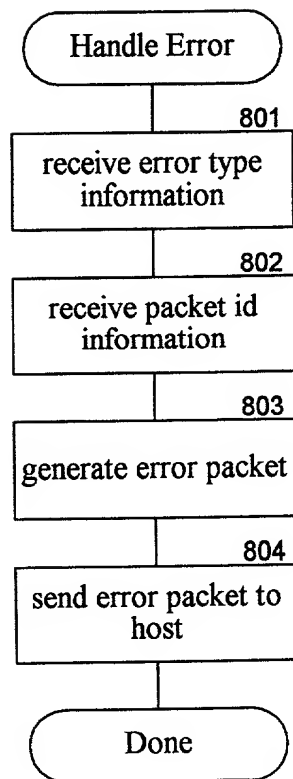


Fig. 19B

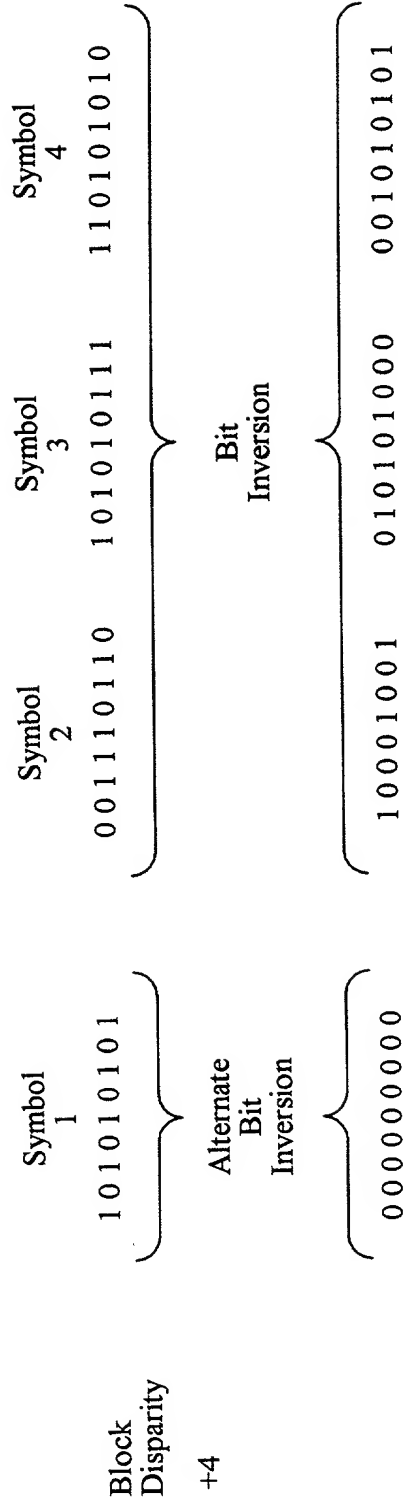


***Fig. 19C***

8b code	9 bit symbol
0000 0000	101010101
0000 0001	101010100
0000 0010	101010111
...	
0101 0101	001010101
...	
0111 0110	001110110
0111 0111	100100010
...	
1111 1111	110101010

**Fig. 20**





**Fig. 21A**

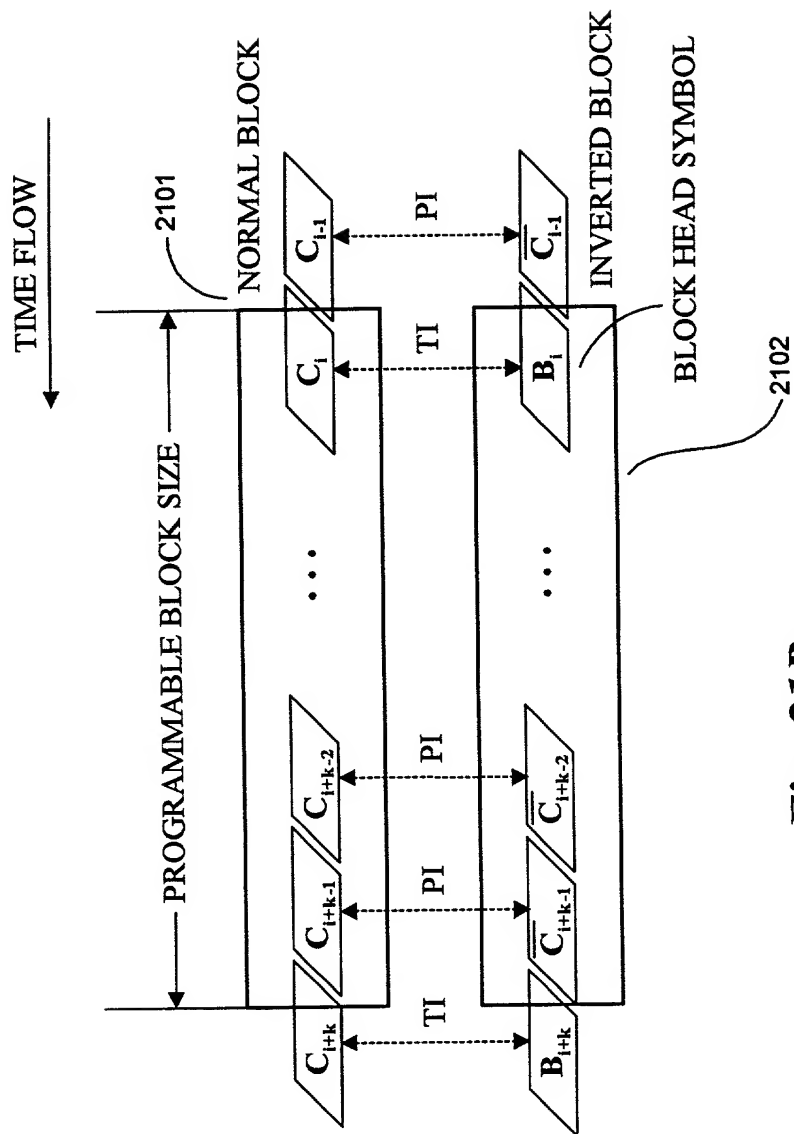


Fig. 21B

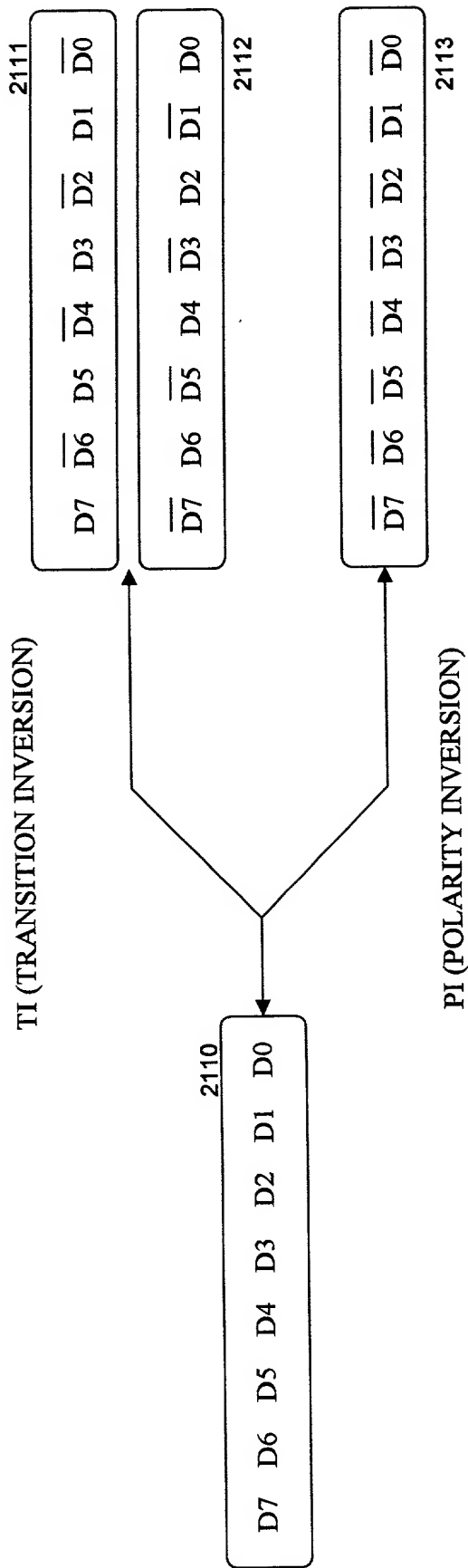
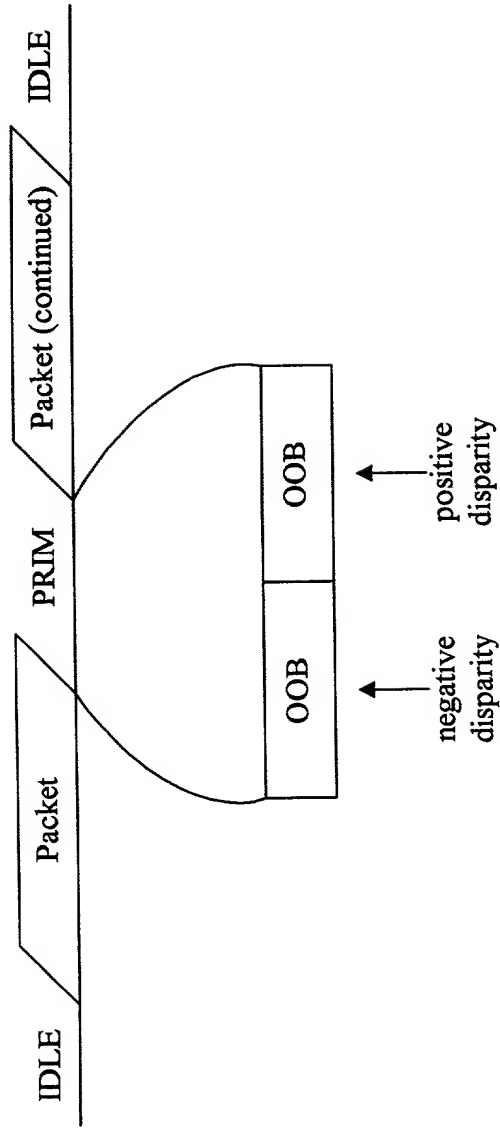
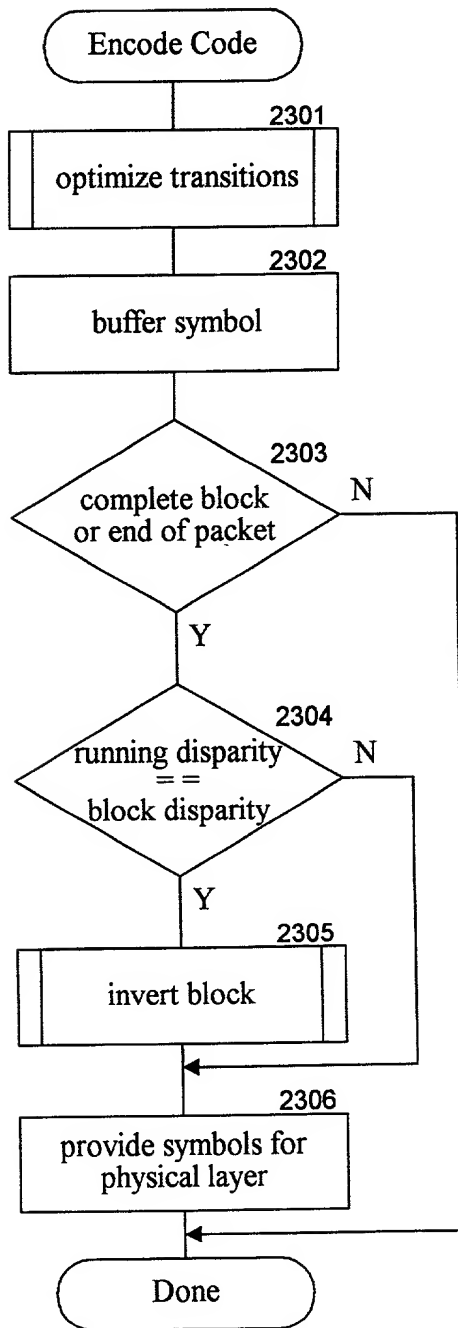


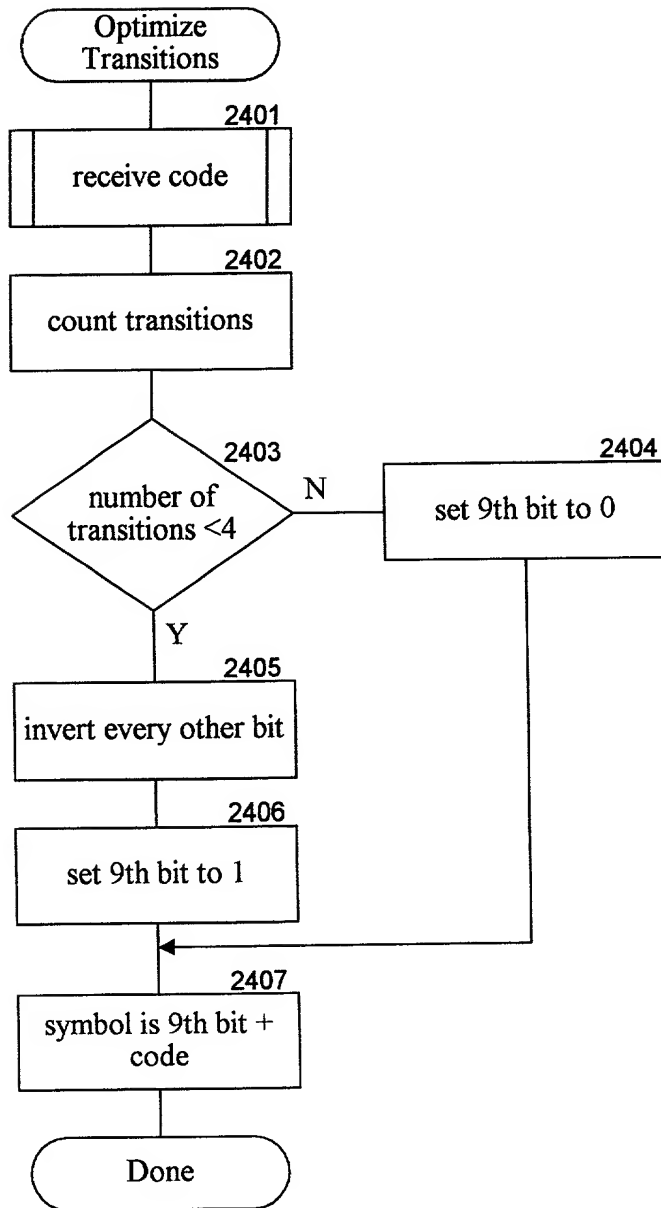
Fig. 21C



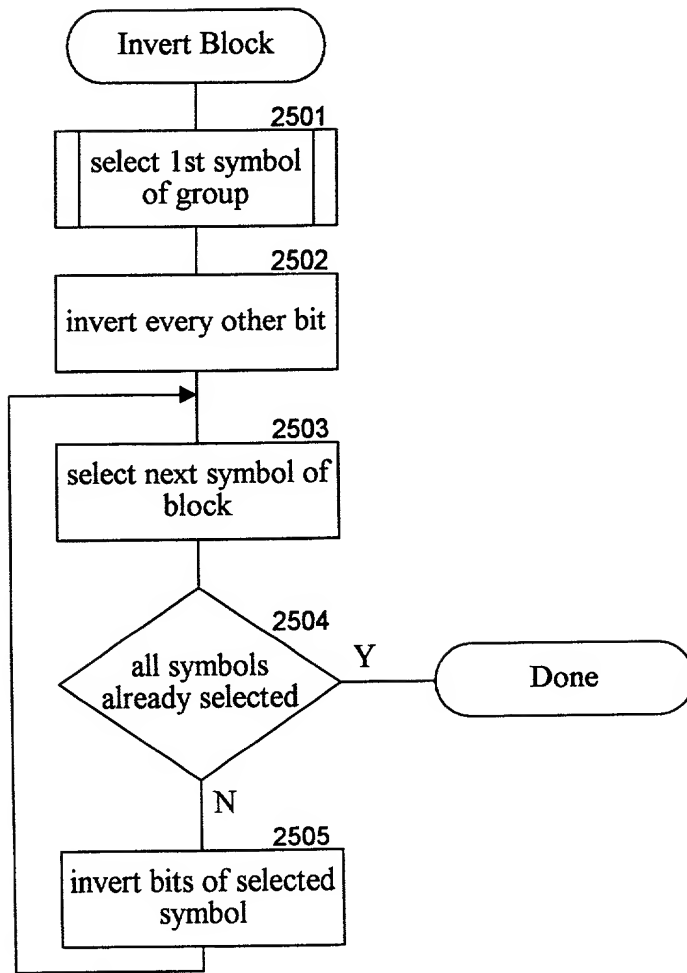
*Fig. 22*



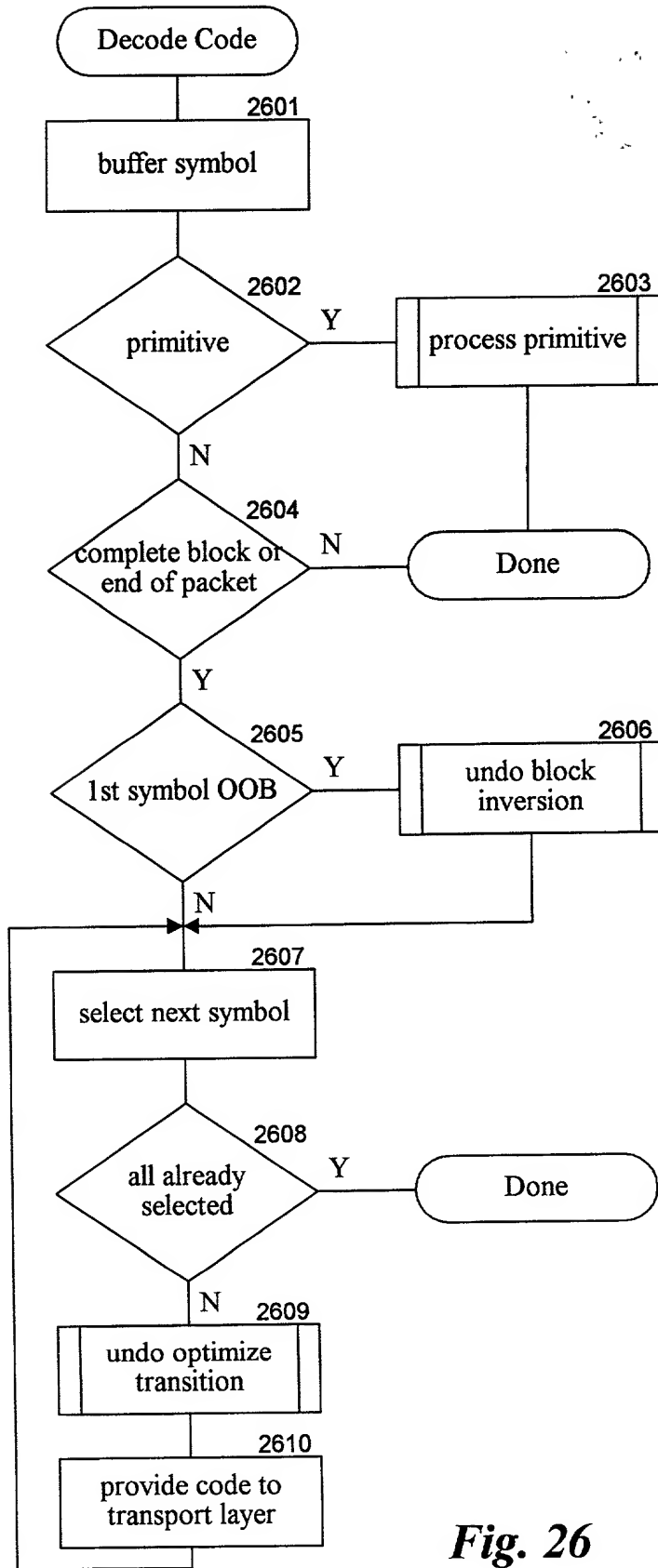
**Fig. 23**



**Fig. 24**

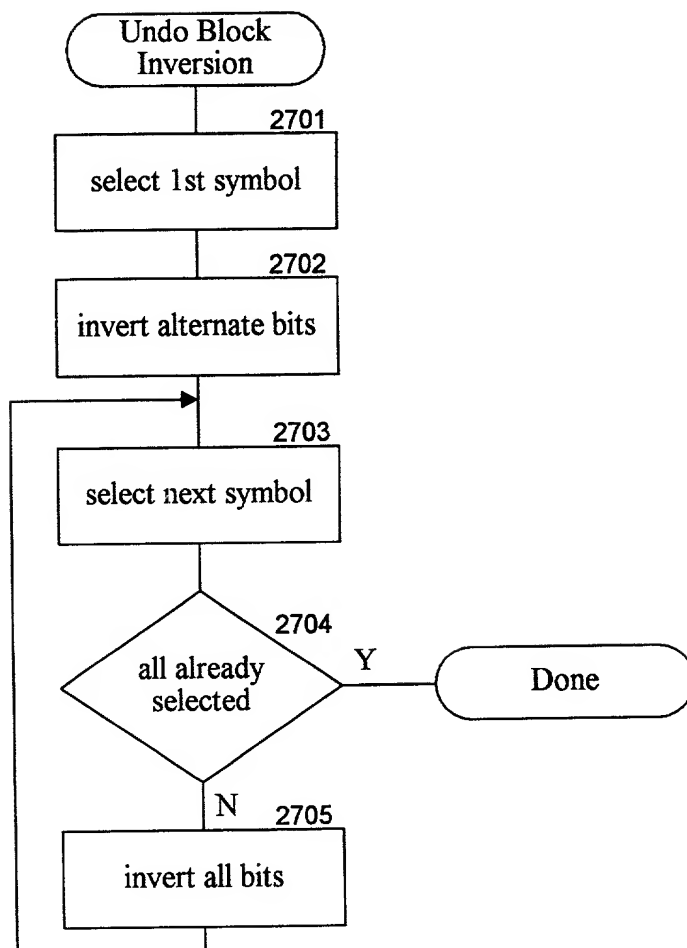


**Fig. 25**

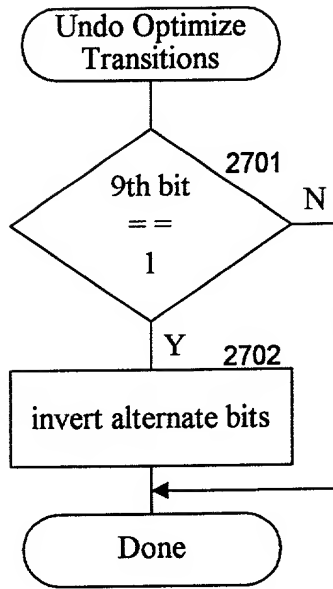


**Fig. 26**

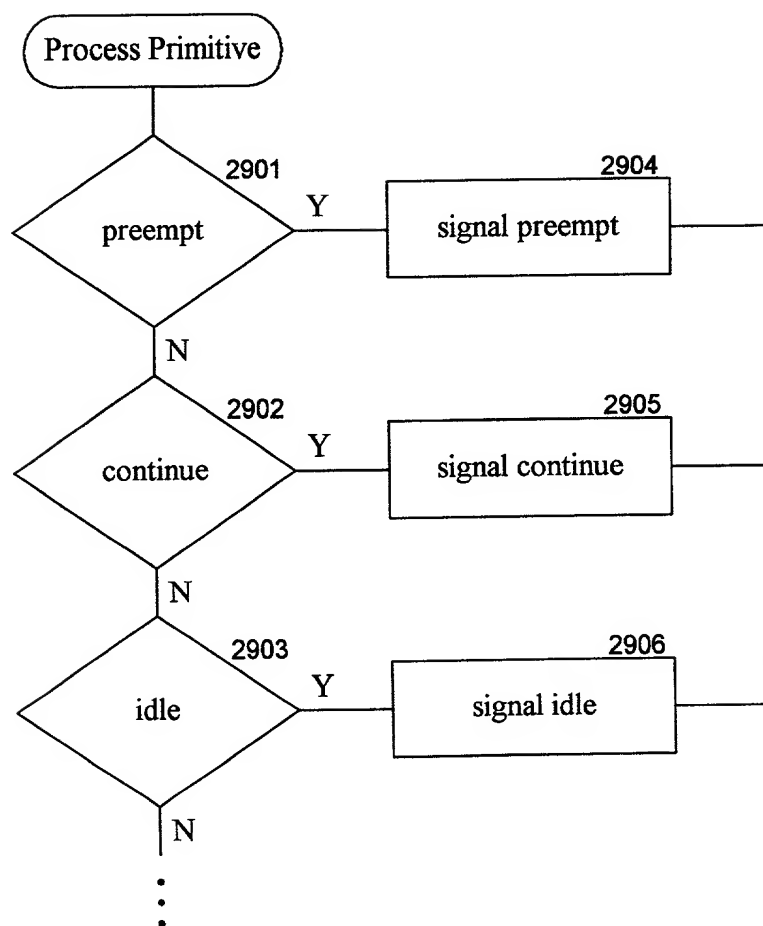




**Fig. 27**



**Fig. 28**



**Fig. 29**

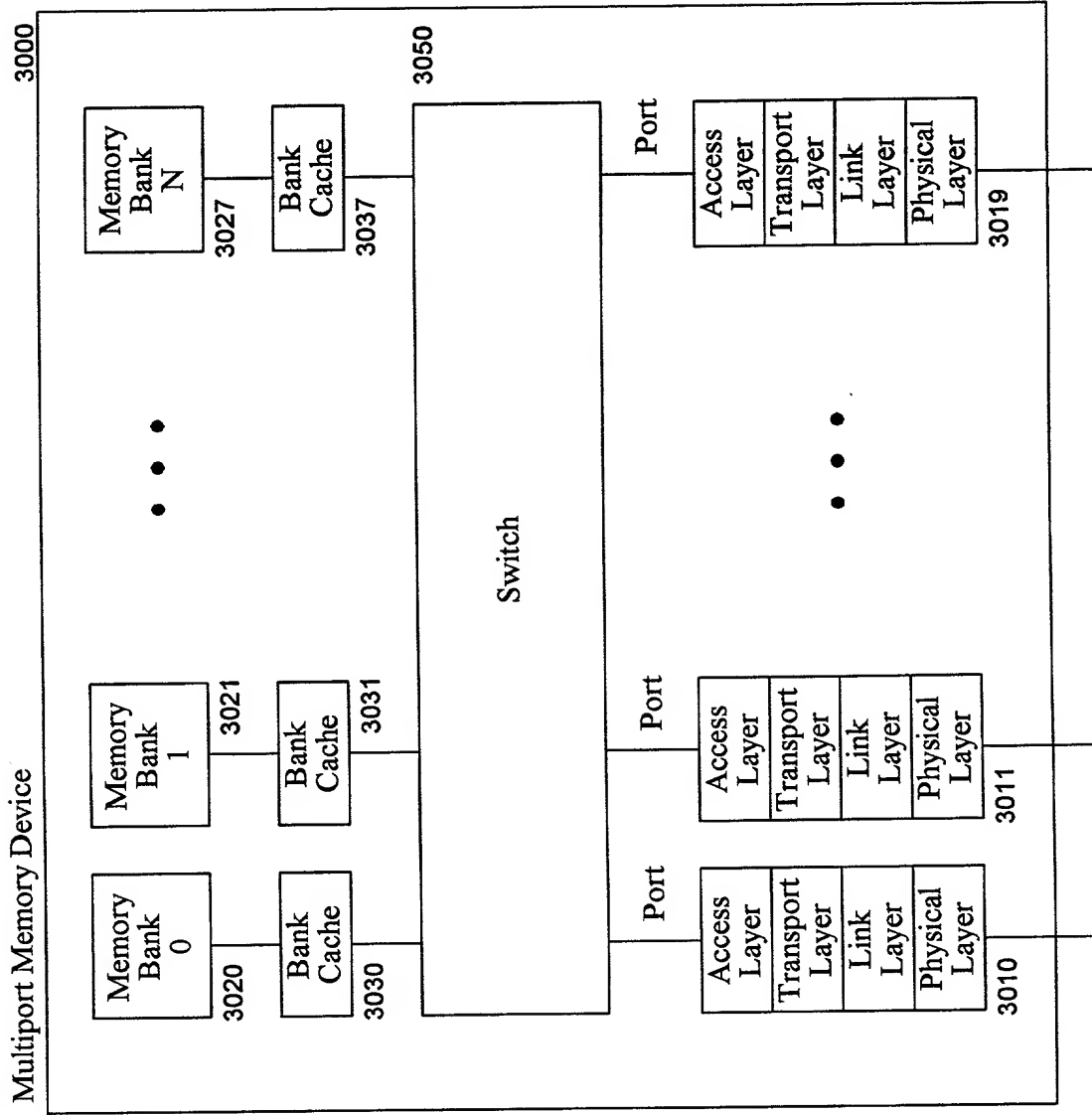


Fig. 30

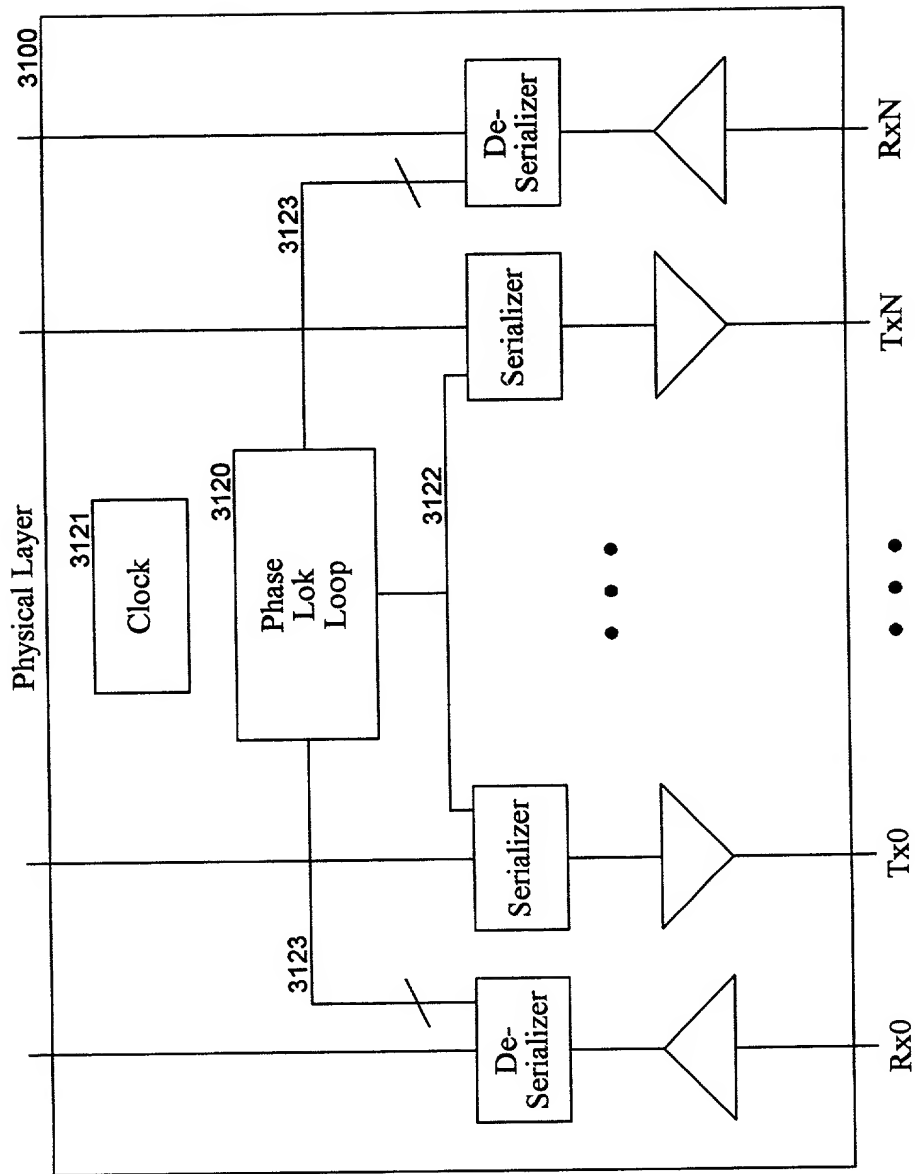
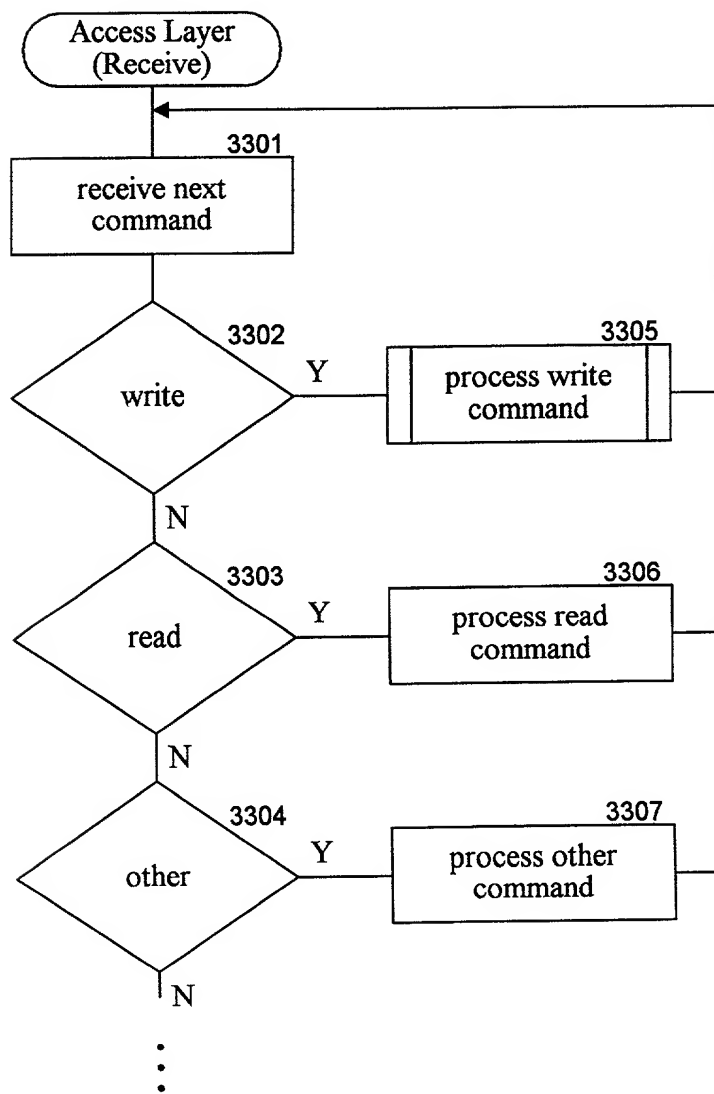


Fig. 31

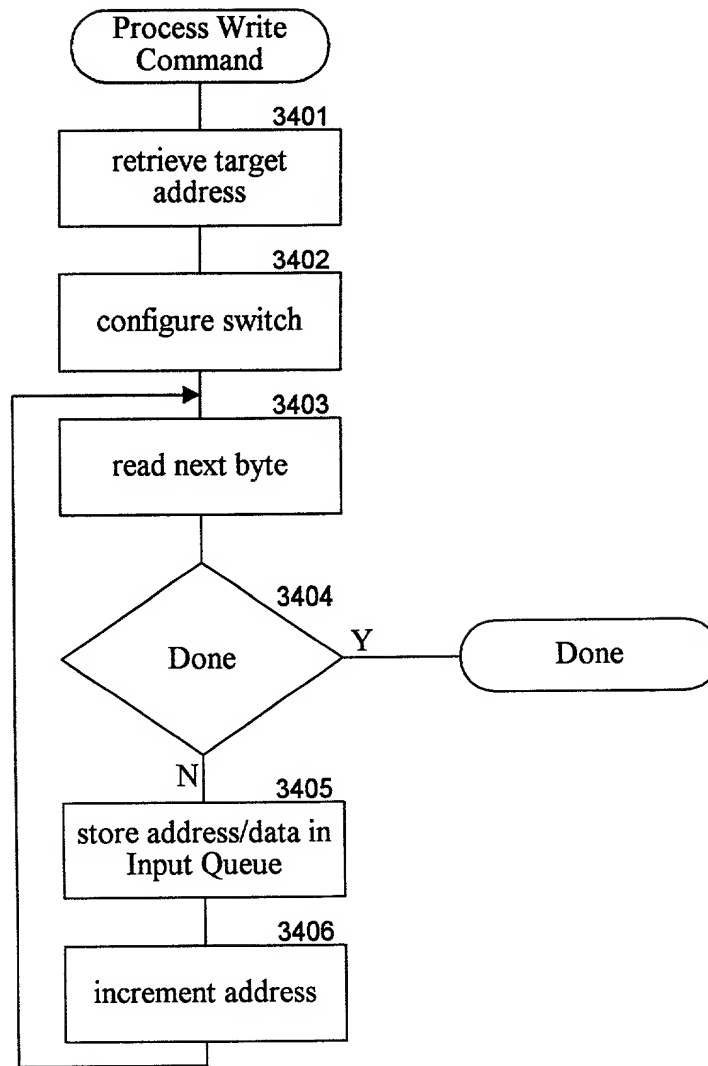
Input Queue 3201				Output Queue 3202		
Port	R/W	Address	Data	Valid	Port	Data
3	R	1000		1	3	11...0
4	W	4000	10...1	0		
3	W	1000	111...0	0		
3	R	2000		1	3	101...1
	⋮				⋮	

Fig. 32



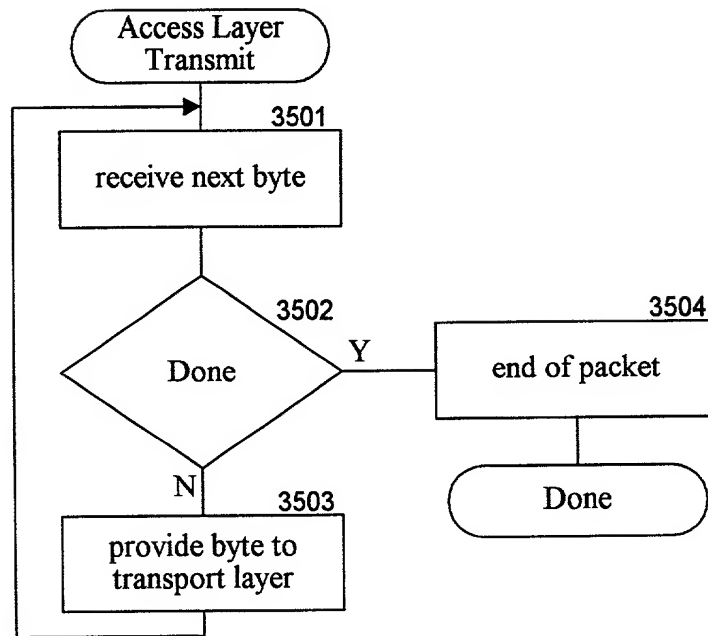
**Fig. 33**

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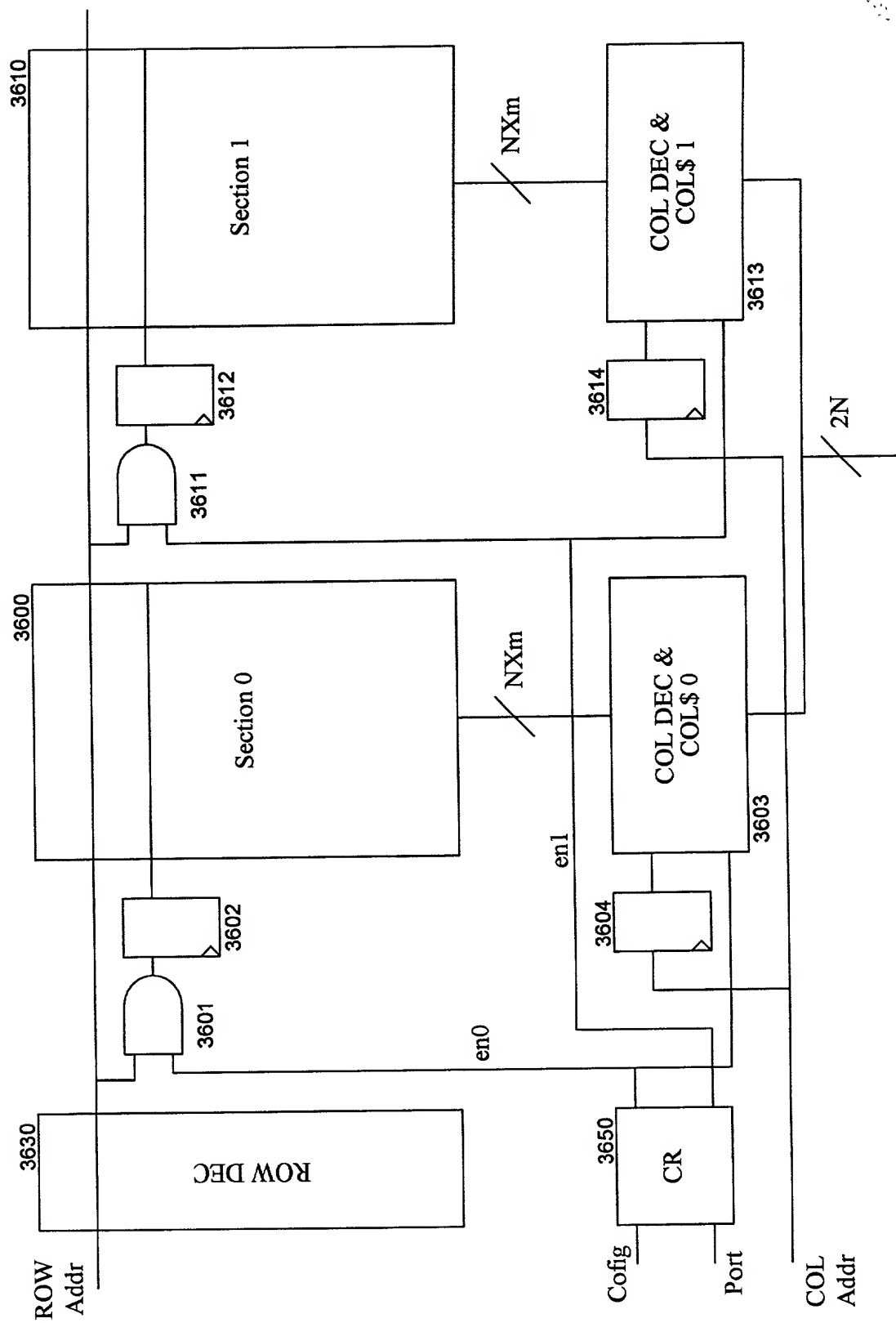


**Fig. 34**





**Fig. 35**



**Fig. 36**

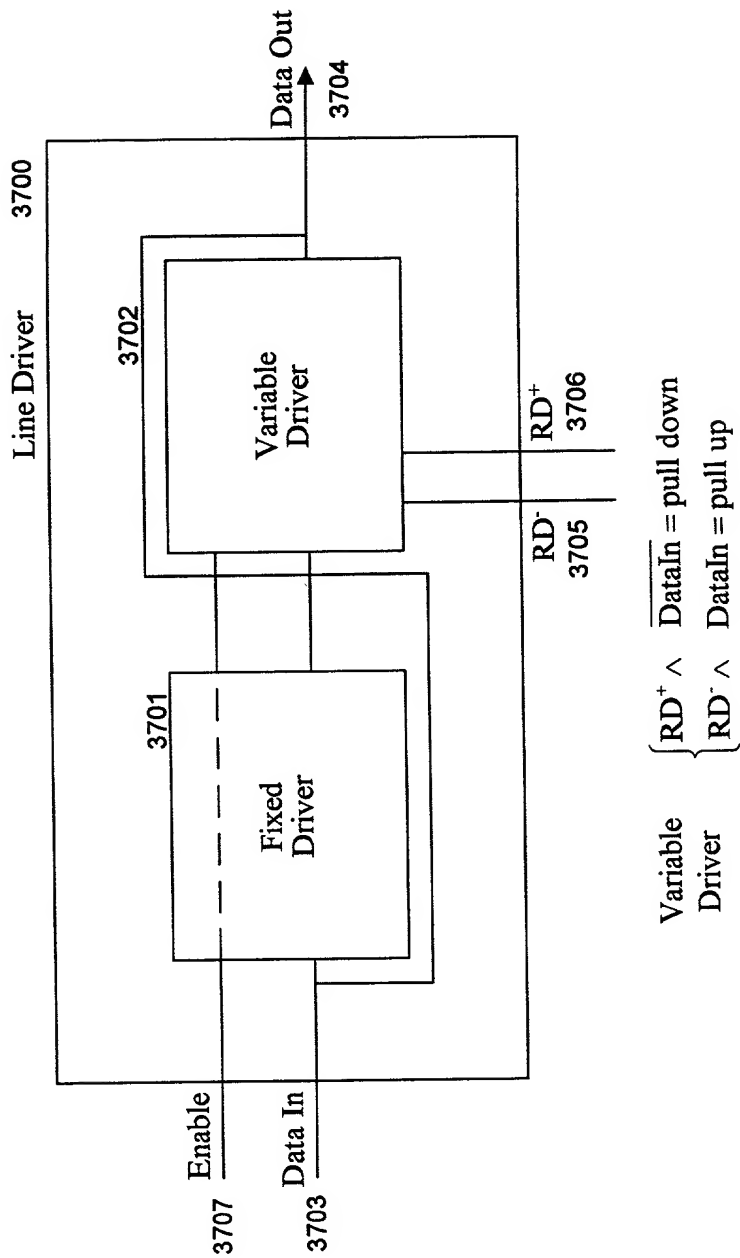


Fig. 37A

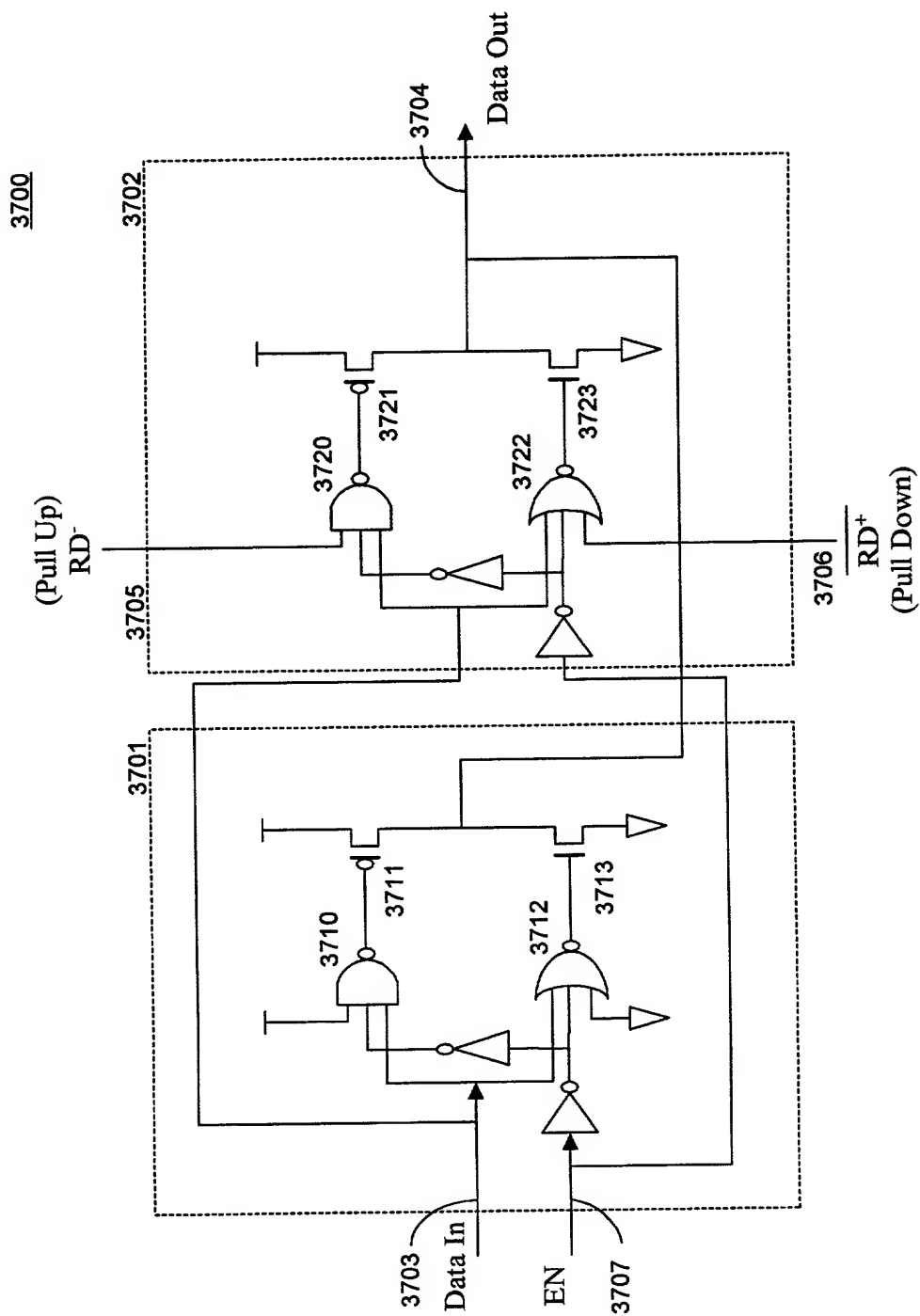


Fig. 37B

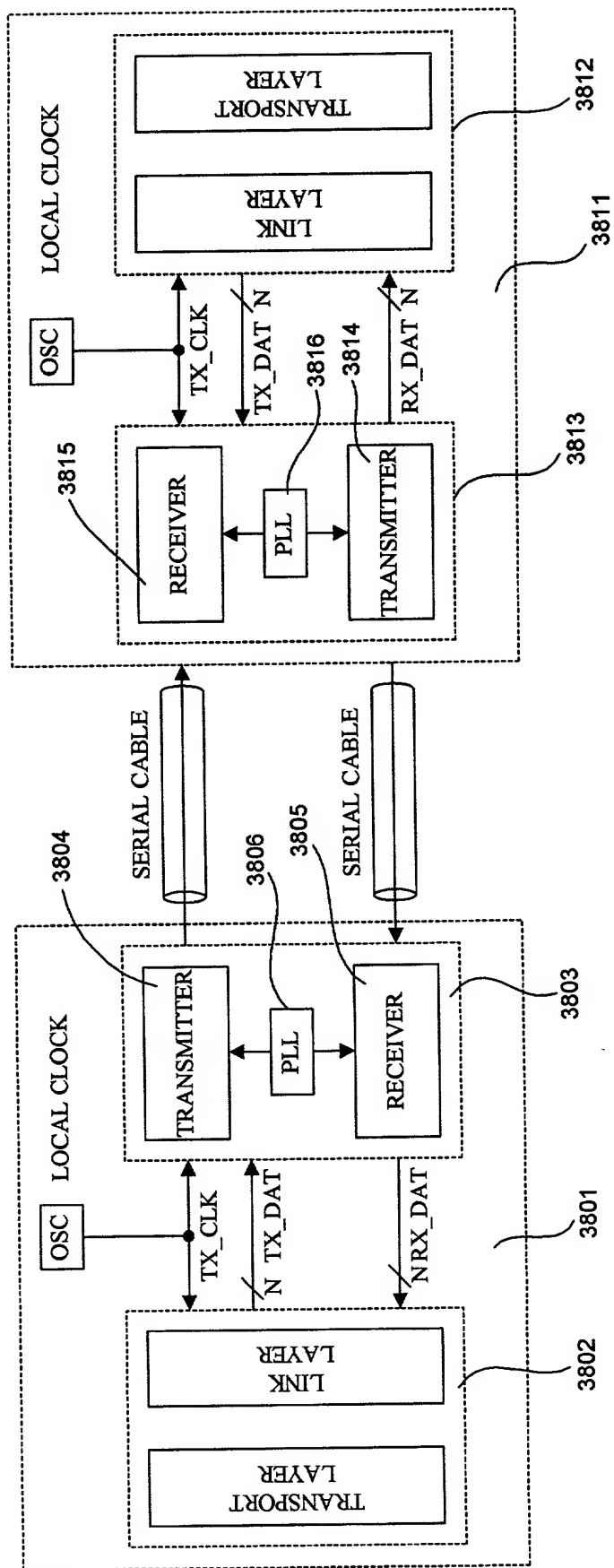


Fig. 38A

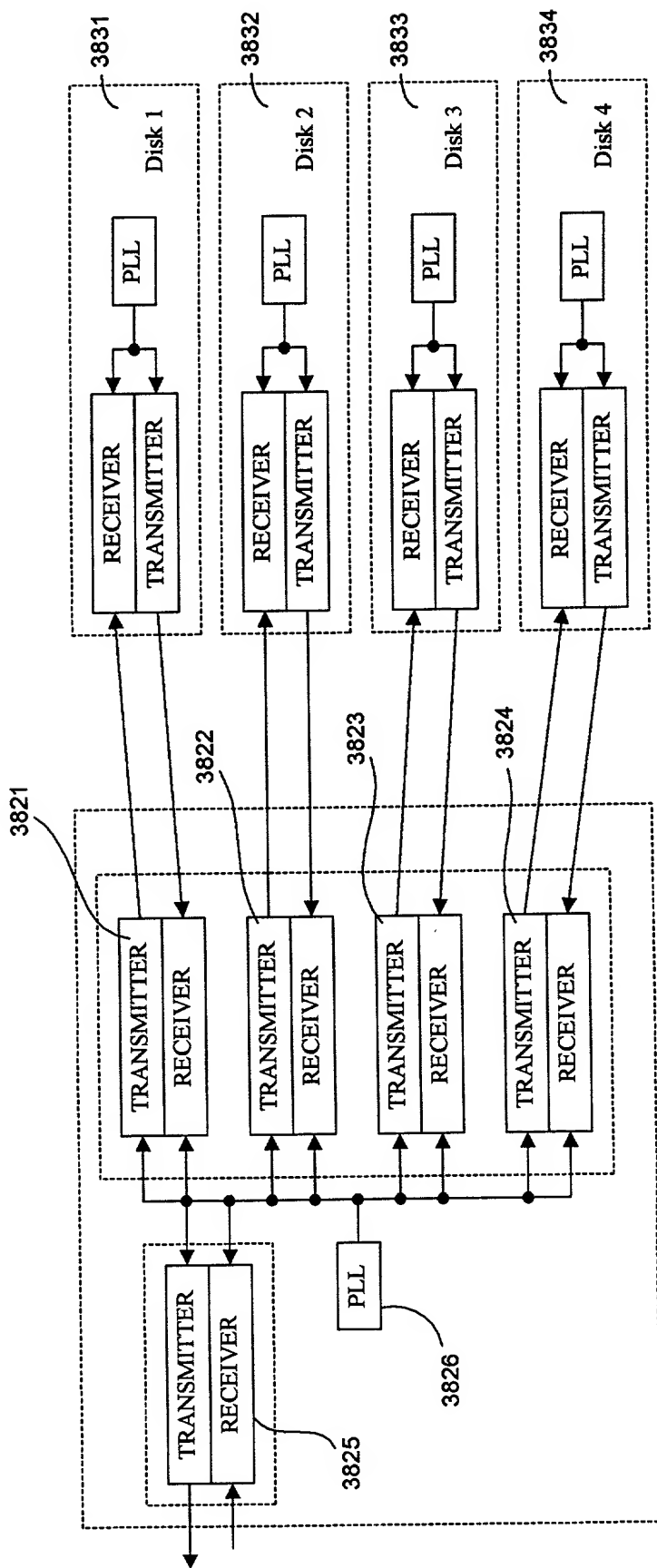


Fig. 38B

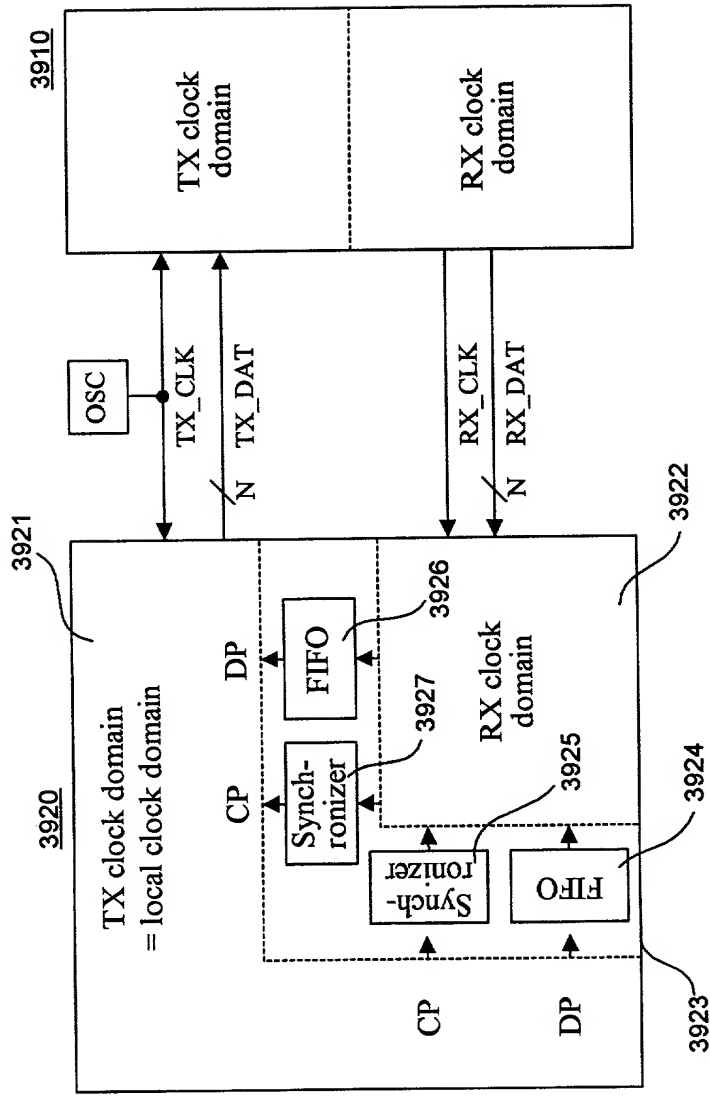


Fig. 39A

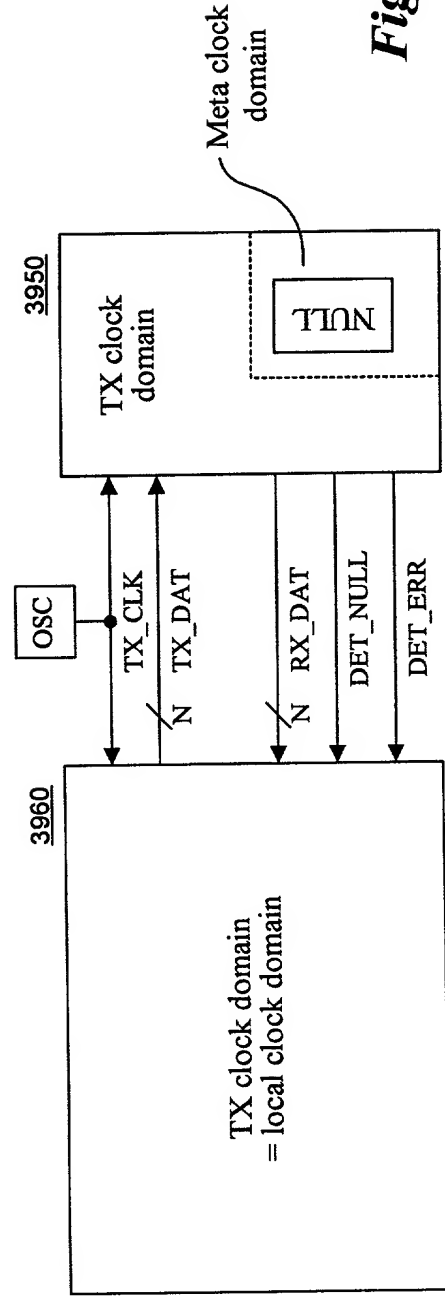


Fig. 39B

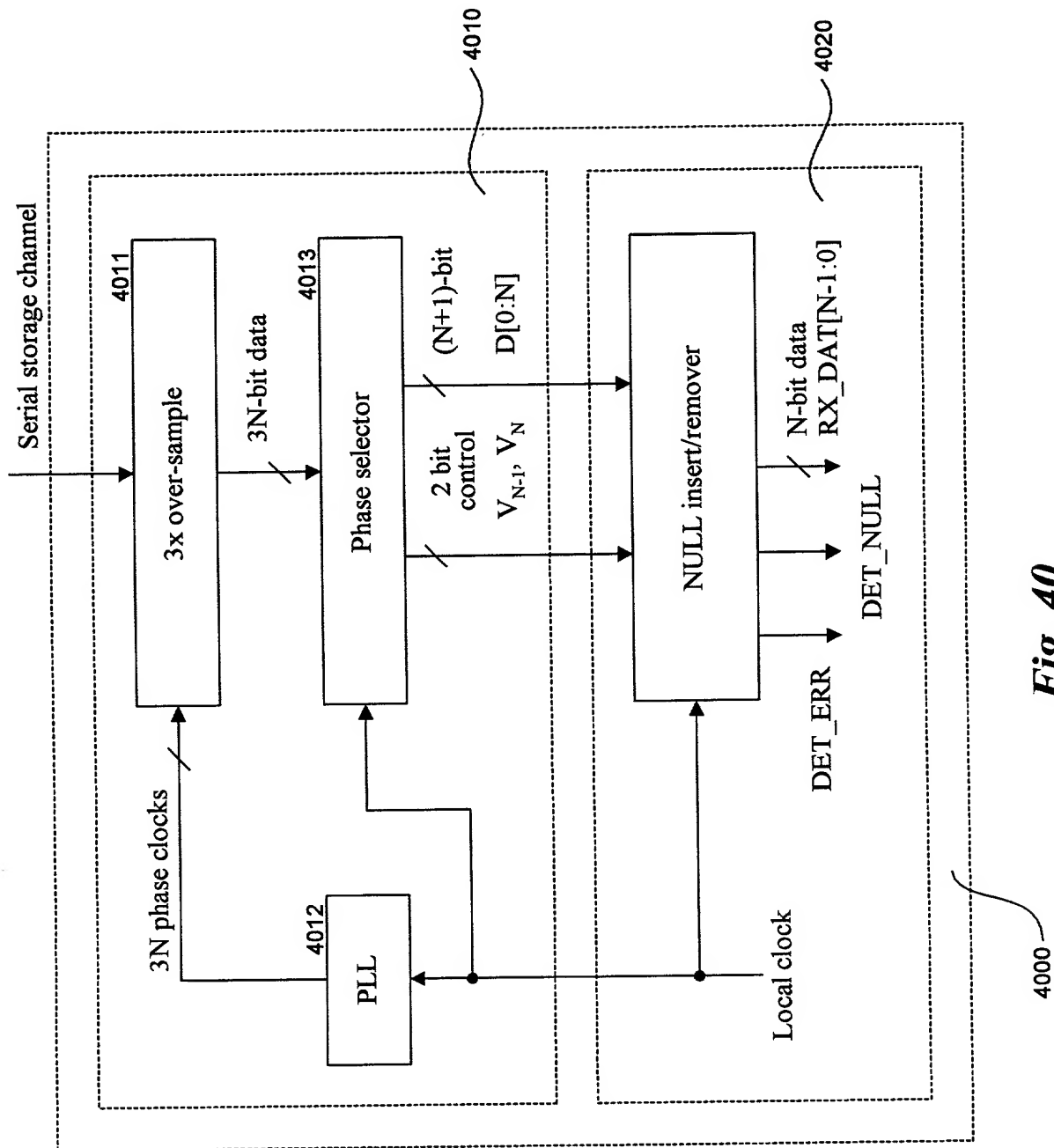


Fig. 40



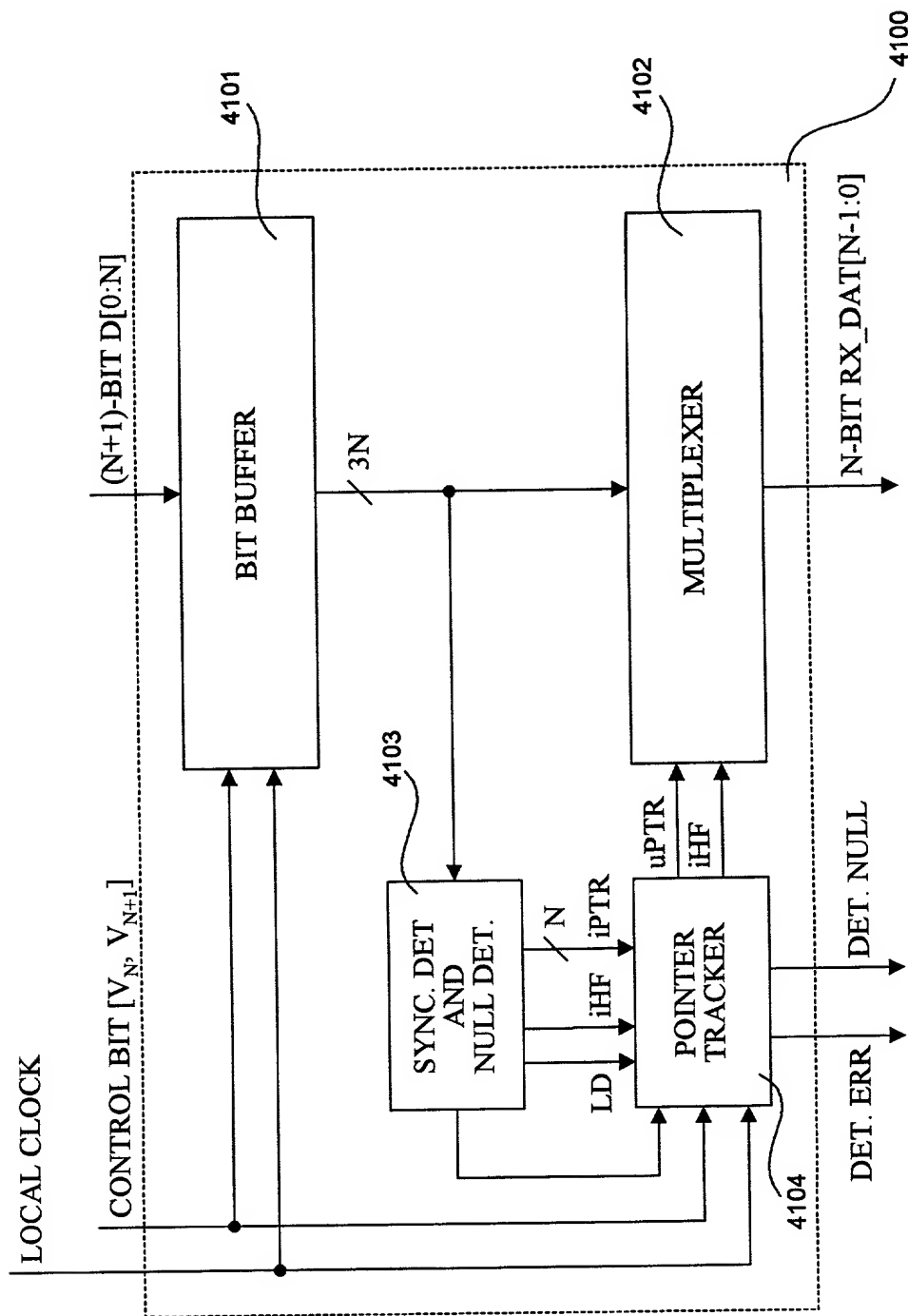
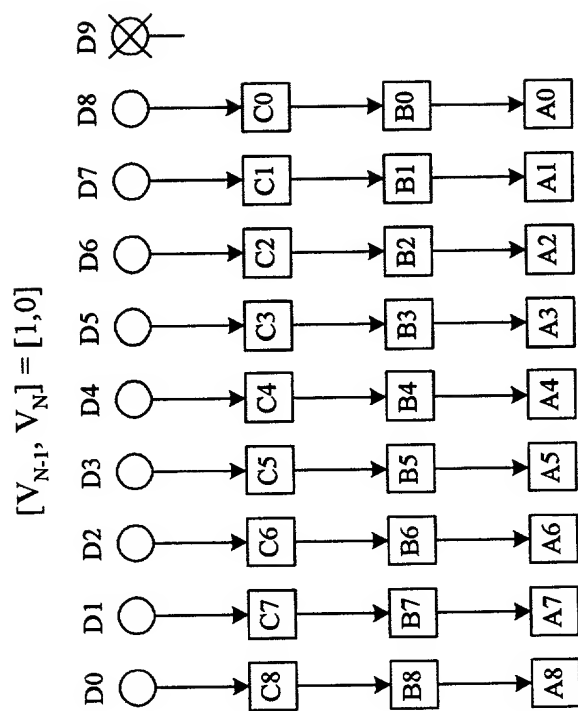
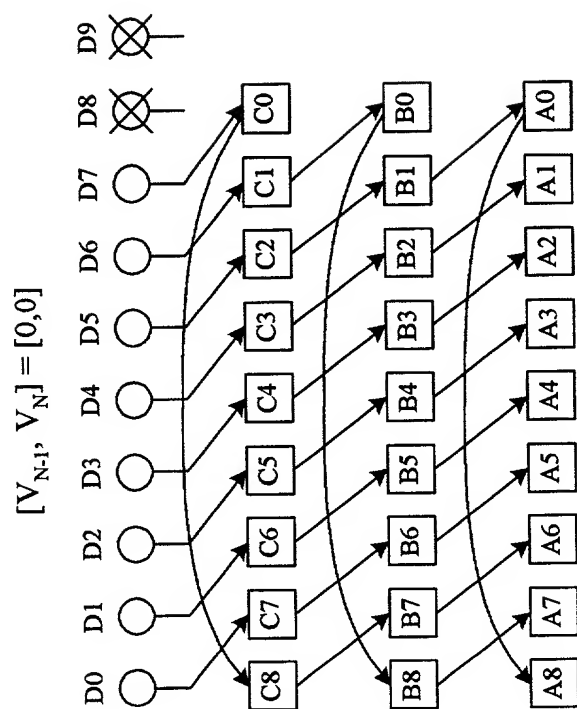
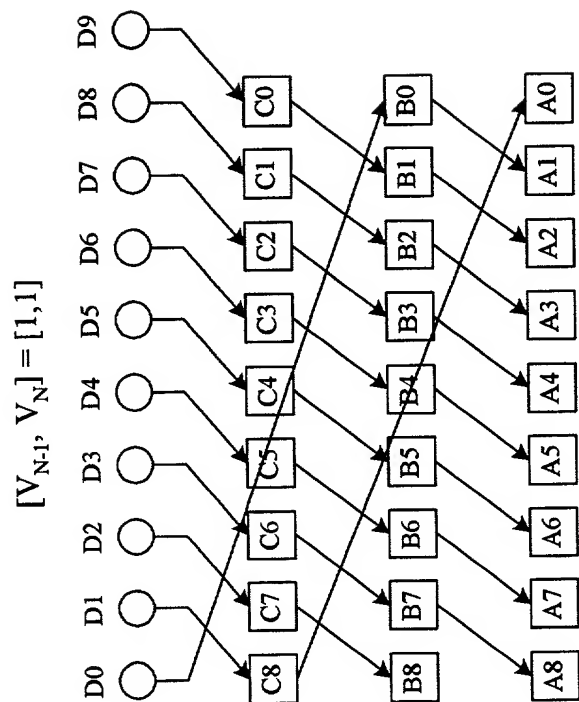


Fig. 41

**Fig. 42A**

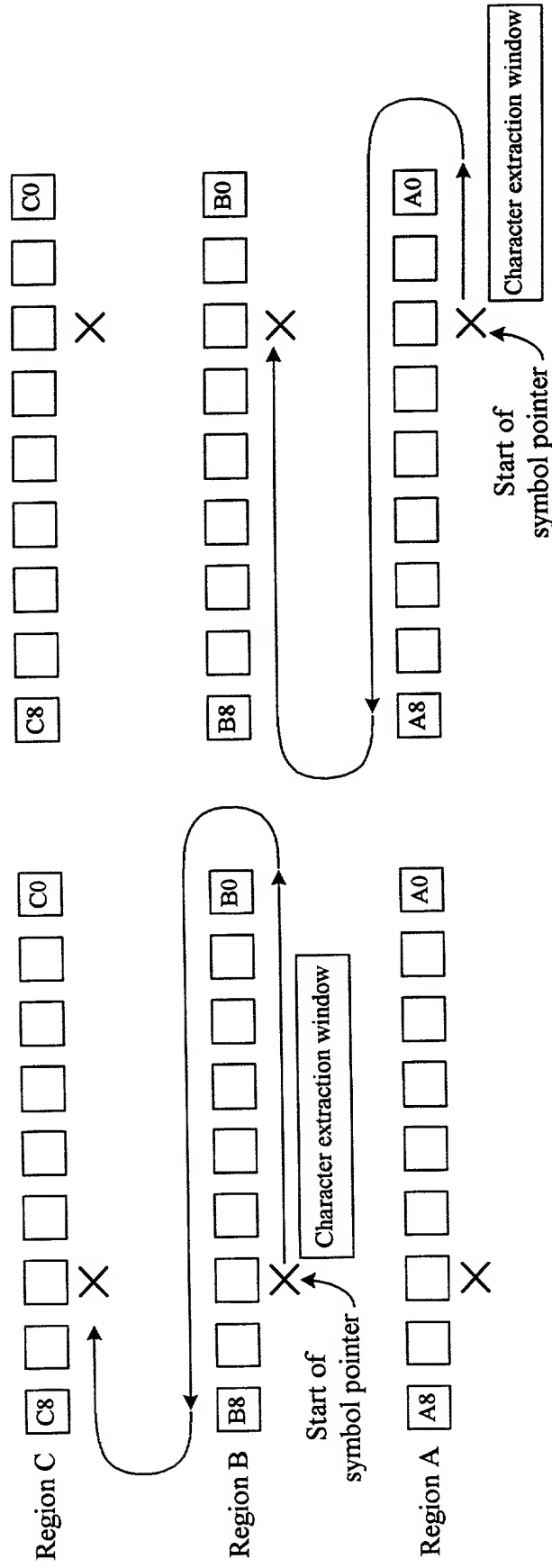


**Fig. 42B**



*Fig. 42C*





LD = 1, iHF = 1, iPTR = "000000100"

LD = 1, iHF = 0, iPTR = "001000000"

Fig. 44

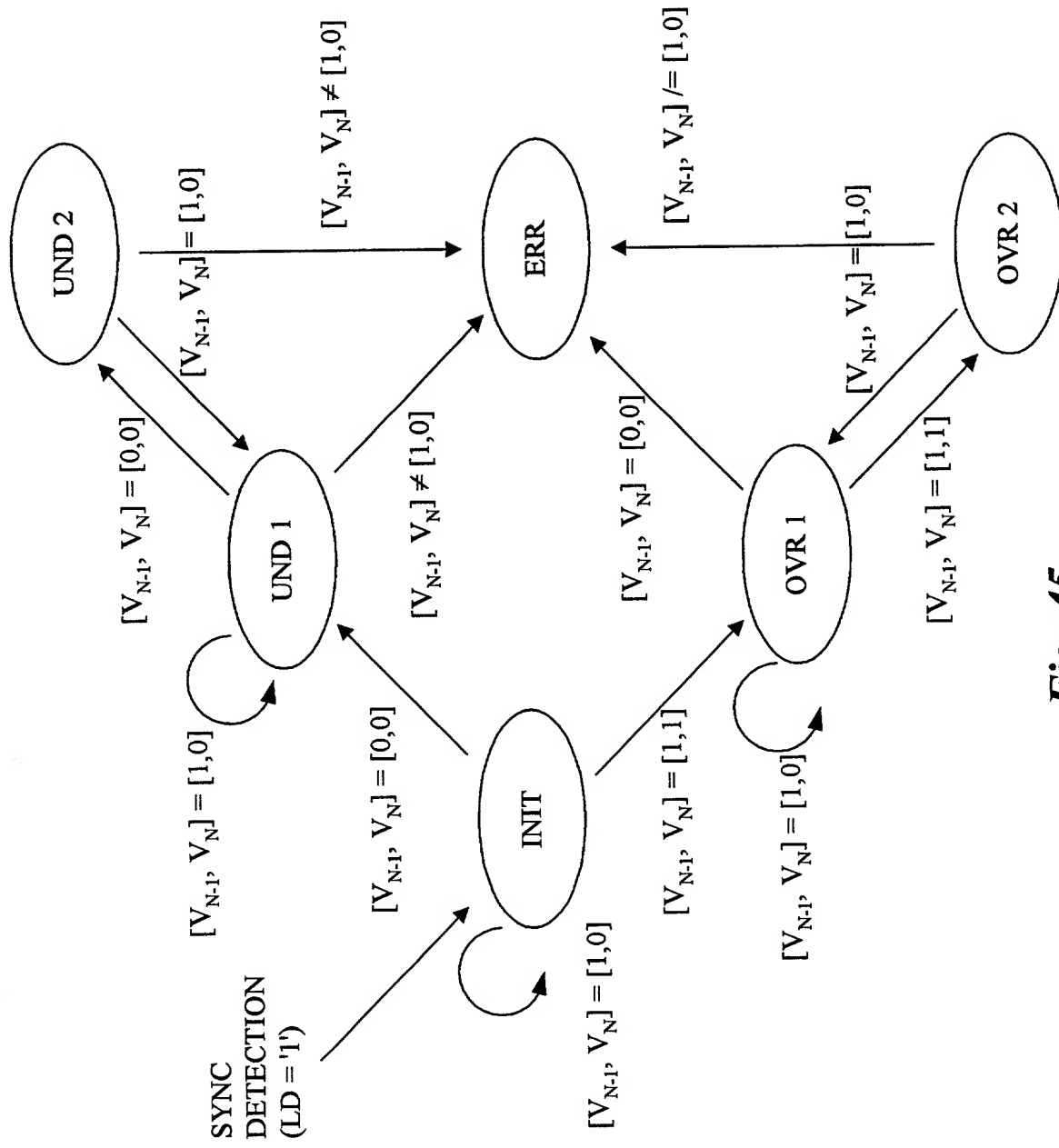


Fig. 45

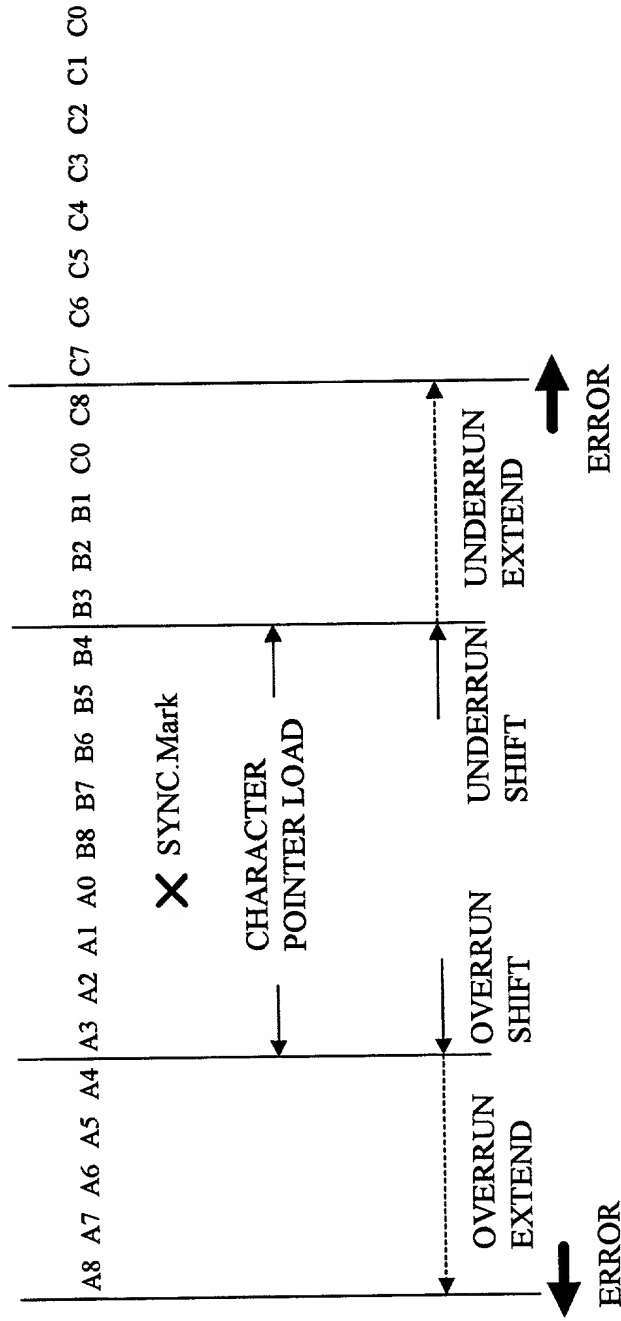


Fig. 46



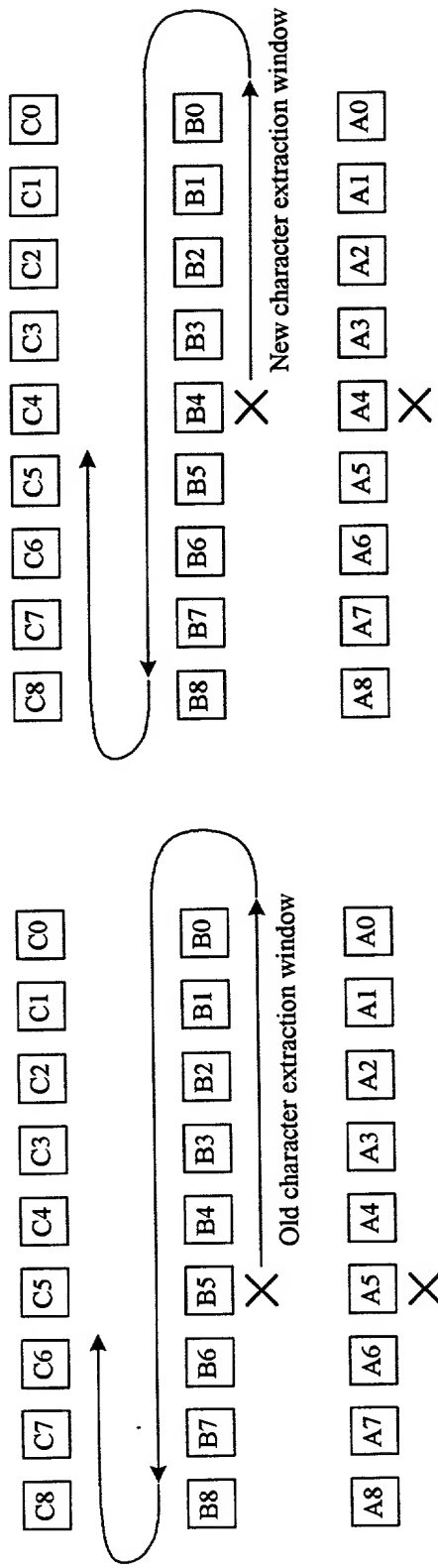


Fig. 47A

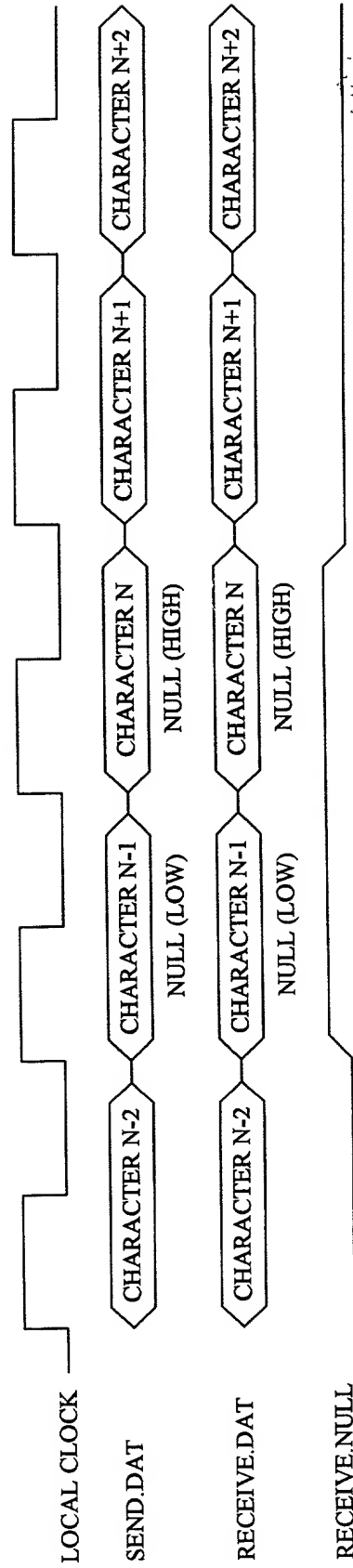


Fig. 47B

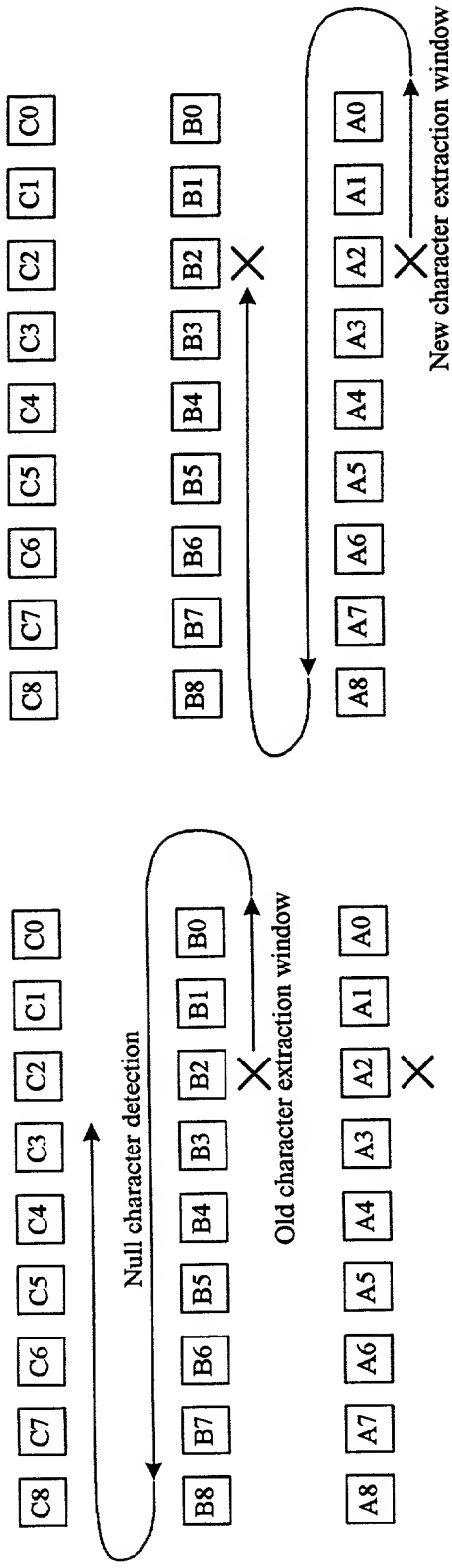


Fig. 48A

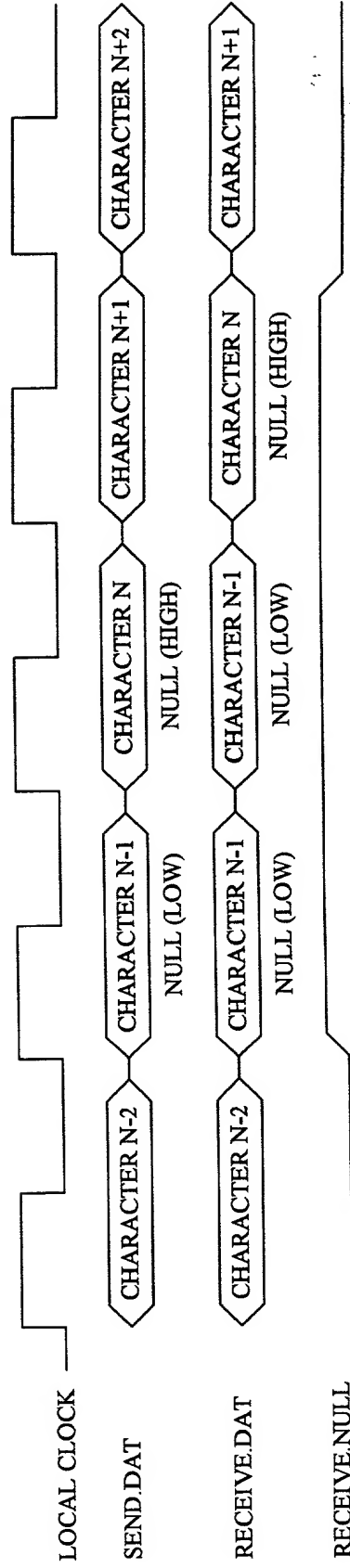


Fig. 48B

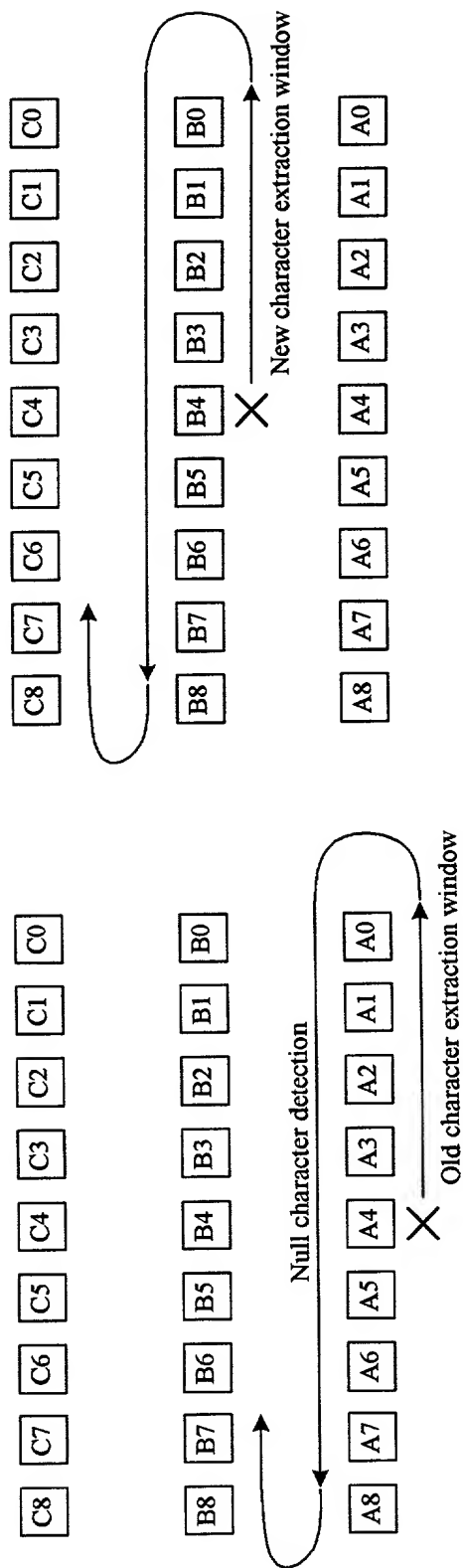


Fig. 49A

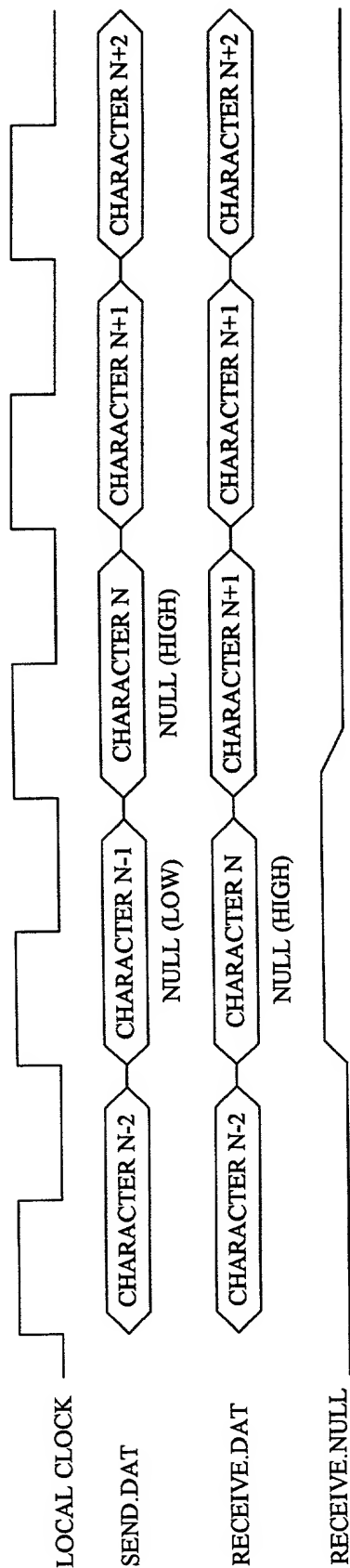


Fig. 49B